

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2018 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2018 or fiscal plan year beginning <u>01/01/2018</u> and ending <u>12/31/2018</u>			
A	This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)	
	☒ a single-employer plan ☐ a DFE (specify) ____		
B	This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)	
C	If the plan is a collectively-bargained plan, check here. ▶ ☒		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)	

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>AT&T PENSION BENEFIT PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>006</u>
		1c	Effective date of plan <u>01/01/1984</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>AT&T INC.</u> <u>P.O. BOX 132160</u> <u>DALLAS, TX 75313-2160</u>	2b	Employer Identification Number (EIN) <u>43-1301883</u>
		2c	Plan Sponsor's telephone number <u>210-351-3333</u>
		2d	Business code (see instructions) <u>517000</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/07/2019	PAUL W. STEPHENS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2018)
v. 171027

3a Plan administrator's name and address ☐ Same as Plan Sponsor AT&T SERVICES, INC. P.O. BOX 132160 DALLAS, TX 75313-2160	3b Administrator's EIN 74-2782655 3c Administrator's telephone number 210-351-3333
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 498781
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	 6a(1) 189950 6a(2) 170257 6b 171878 6c 108836 6d 450971 6e 26900 6f 477871 6g 6h 4753
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 1B 1C 3F 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions: 4L	

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☒ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☐ 0 **A** (Insurance Information)
- (4) ☐ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018	
▶ Round off amounts to nearest dollar.	
▶ Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.	
A Name of plan AT&T PENSION BENEFIT PLAN	B Three-digit plan number (PN) ▶ 006
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF AT&T INC.	D Employer Identification Number (EIN) 43-1301883
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 01 Day 01 Year 2018			
2	Assets:			
a	Market value.....	2a	54853101000	
b	Actuarial value	2b	51826080000	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment	202297	23590977000	23590977000
b	For terminated vested participants	110957	4941768000	4941768000
c	For active participants	198002	16526124000	17905305000
d	Total	511256	45058869000	46438050000
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐			
a	Funding target disregarding prescribed at-risk assumptions	4a		
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5	5.69 %	
6	Target normal cost	6	988809000	

Statement by Enrolled Actuary
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		
Signature of actuary		09/30/2019
BRIAN J. WALKER, ASA, EA		Date
Type or print name of actuary		17-06719
AON CONSULTING, INC.		Most recent enrollment number
Firm name		214-989-2679
5005 LBJ FREEWAY, 14TH FLOOR DALLAS, TX 75244		Telephone number (including area code)
Address of the firm		

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	8933952000
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		992723000
9 Amount remaining (line 7 minus line 8)	0	7941229000
10 Interest on line 9 using prior year's actual return of <u>15.16</u> %	0	1203890000
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.87</u> %		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections		
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	9145119000

Part III Funding Percentages

14 Funding target attainment percentage	14	91.90%
15 Adjusted funding target attainment percentage	15	111.60%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	96.57%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls**18** Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
10/15/2018	80000000	0			
Totals ▶			18(b)	80000000	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	76594000

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 3.92%	2nd segment: 5.52%	3rd segment: 6.29%	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 62
23 Mortality table(s) (see instructions)	Prior regulation:	☐ Prescribed - combined	☐ Prescribed - separate	☐ Substitute
	Current regulation:	☐ Prescribed - combined	☒ Prescribed - separate	☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	988809000	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	3757089000	0	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	988809000	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement		912215000	912215000
36 Additional cash requirement (line 34 minus line 35)	36	76594000	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	76594000	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:	
a Schedule elected	☐ 2 plus 7 years ☒ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☒ 2011

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration		DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.		OMB No. 1210-0110 2018 This Form is Open to Public Inspection.	
For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018					
A Name of plan AT&T PENSION BENEFIT PLAN				B Three-digit plan number (PN) ▶ 006	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 AT&T INC.				D Employer Identification Number (EIN) 43-1301883	
Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)					
a Name of MTIA, CCT, PSA, or 103-12 IE: SBC MASTER PENSION TRUST					
b Name of sponsor of entity listed in (a): AT&T INC.					
c EIN-PN 43-1301883-020		d Entity code M		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 49260081000	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	

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Schedule D (Form 5500) 2018 v.171027

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2018 This Form is Open to Public Inspection
For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018		
A Name of plan AT&T PENSION BENEFIT PLAN	B Three-digit plan number (PN) ►	006
C Plan sponsor's name as shown on line 2a of Form 5500 AT&T INC.	D Employer Identification Number (EIN) 43-1301883	

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	54853107000	49260081000
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities	1d(1)	
(2)	Employer real property	1d(2)	
e	Buildings and other property used in plan operation	1e	
f	Total assets (add all amounts in lines 1a through 1e)	1f	54853107000 49260081000
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	
i	Acquisition indebtedness	1i	
j	Other liabilities	1j	
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	0 0
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	54853107000 49260081000

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	80000000
	(B) Participants	2a(1)(B)	
	(C) Others (including rollovers)	2a(1)(C)	
(2)	Noncash contributions	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)	80000000
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	
	(B) U.S. Government securities	2b(1)(B)	
	(C) Corporate debt instruments	2b(1)(C)	
	(D) Loans (other than to participants)	2b(1)(D)	
	(E) Participant loans	2b(1)(E)	
	(F) Other	2b(1)(F)	
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	0
(2)	Dividends: (A) Preferred stock	2b(2)(A)	
	(B) Common stock	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	0
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	0
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		-1117875000
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-1037875000

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	4560407000	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		4560407000
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		0
j Total expenses. Add all expense amounts in column (b) and enter total	2j		4560407000

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-5598282000
l Transfers of assets:			
(1) To this plan.....	2l(1)		5256000
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unqualified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☐ Yes ☒ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: ERNST & YOUNG LLP

(2) EIN: 34-6565596

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

	Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....		X	
e Was this plan covered by a fidelity bond?	X		25000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?.....		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)		X	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
l Has the plan failed to provide any benefit when due under the plan?.....		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4155816. (See instructions.)

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2018 This Form is Open to Public Inspection.
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan <u>AT&T PENSION BENEFIT PLAN</u>	B Three-digit plan number (PN) ▶ <u>006</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>AT&T INC.</u>	D Employer Identification Number (EIN) <u>43-1301883</u>

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>04-6568107</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	<u>14974</u>

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☒ Increase	☐ Decrease	☐ Both	☐ No
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Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2018
v. 171027

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****14c**

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year

b The corresponding number for the second preceding plan year

15a**15b**

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers

16a**16b**

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

- a** Enter the percentage of plan assets held as:

Stock: 38.0% Investment-Grade Debt: 30.0% High-Yield Debt: 2.0% Real Estate: 10.0% Other: 20.0%

- b** Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☒ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

- c** What duration measure was used to calculate line 19(b)?

☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

ACCOUNTANT'S OPINION AND FINANCIAL STATEMENTS

Schedule H, Line 3

PLAN NAME: AT&T PENSION BENEFIT PLAN

EIN: 43-1301883

PLAN NUMBER: 006

AT&T Inc. – AT&T Pension Benefit Plan, Financial Statements, 12/31/2018.

**AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Financial Statements**

**Years Ended December 31, 2018 and 2017
with Report of Independent Auditors**

AT&T Pension Benefit Plan

AT&T Puerto Rico Pension Benefit Plan

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Report of Independent Auditors

AT&T Inc.
Plan Administrator

We have audited the accompanying financial statements of both the AT&T Pension Benefit Plan and the AT&T Puerto Rico Pension Benefit Plan, which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in conformity with U.S. generally accepted accounting principles; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial status of the AT&T Pension Benefit Plan and the AT&T Puerto Rico Pension Benefit Plan at December 31, 2018 and 2017, and the changes in their financial status for the years then ended, in conformity with U.S. generally accepted accounting principles.

Ernst & Young LLP

September 26, 2019

Statements of Net Assets Available for Benefits
At December 31
(Dollars in Thousands)

	<u>2018</u>		<u>2017</u>	
	AT&T Pension Benefit Plan	AT&T Puerto Rico Pension Benefit Plan	AT&T Pension Benefit Plan	AT&T Puerto Rico Pension Benefit Plan
Assets				
Investments, at fair value				
Plan interest in SBC Master Pension Trust	\$ 49,260,081	\$ 27,657	\$ 54,853,107	\$ 27,045
Contributions receivable	-	2,146	-	3,488
Net assets available for benefits	<u>\$ 49,260,081</u>	<u>\$ 29,803</u>	<u>\$ 54,853,107</u>	<u>\$ 30,533</u>

See accompanying notes.

Statements of Changes in Net Assets Available for Benefits
For the Years Ended December 31
(Dollars in Thousands)

	2018		2017	
	AT&T Pension Benefit Plan	AT&T Puerto Rico Pension Benefit Plan	AT&T Pension Benefit Plan	AT&T Puerto Rico Pension Benefit Plan
Additions				
Net investment gain from Plan's interest in SBC Master Pension Trust	\$ —	\$ —	\$ 7,301,421	\$ 3,254
Contributions	80,000	2,146	5,537	3,488
Total additions	80,000	2,146	7,306,958	6,742
Deductions				
Net investment loss from Plan's interest in SBC Master Pension Trust	1,117,875	1,177	—	—
Pension and death benefits	4,560,407	1,699	3,703,415	1,675
Total deductions	5,678,282	2,876	3,703,415	1,675
Net increase (decrease) before transfers	(5,598,282)	(730)	3,603,543	5,067
Transfers in due to Mandatory Portability Agreement (<i>Note 1</i>)	5,256	—	4,992	—
Net assets available for benefits, beginning of year	54,853,107	30,533	51,244,572	25,466
Net assets available for benefits, end of year	\$ 49,260,081	\$ 29,803	\$ 54,853,107	\$ 30,533

See accompanying notes

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements
(Dollars in Thousands)

1. Plan Descriptions

This report includes the AT&T Pension Benefit Plan (AT&T Plan) and the AT&T Puerto Rico Pension Benefit Plan (PR Plan) (collectively, the Pension Plans) of AT&T Inc. (AT&T or the Company) which participate in the SBC Master Pension Trust (MPT). The following descriptions of the AT&T Plan and the PR Plan provide general information. The Pension Plans are summarized in the Summary Plan Descriptions, which have been distributed to all participants. Specific details of the Pension Plans' provisions are contained in the official plan documents, which may be examined without charge, by participants or beneficiaries at the participant's benefit office. Plan participants or beneficiaries may obtain copies of the plan document by writing to the Plan Administrator at the following address: AT&T Services, Inc., ATTN: Plan Documents, P.O. Box 132160, Dallas, TX 75313-2160. There may be a charge for copying the document. The Pension Plans are subject to the provisions of the Employee Retirement Income Security Act of 1974 as amended (ERISA).

Pursuant to the Mandatory Portability Agreement (Agreement), participants covered by the Agreement may transfer their accumulated interest in the Pension Plans to and from other plans sponsored by companies outside of the AT&T-controlled group that were part of the Bell System before its divestiture in 1984 and to successor companies. As a result, in 2018 and 2017, \$5,256 and \$4,992, respectively, were transferred into the AT&T Plan.

AT&T Pension Benefit Plan

The AT&T Plan is a noncontributory qualified defined benefit pension plan covering the majority of all U.S. bargained and nonbargained employees of the participating subsidiaries of AT&T. Employees of participating subsidiaries are eligible to participate in the AT&T Plan if they meet the eligibility requirements for the underlying applicable program, which are discussed below.

At December 31, 2018 and 2017, the AT&T Plan's assets are invested in the MPT (see Note 8).

The AT&T Plan maintains the following programs, under which participants' benefits are calculated based on the plan from which they were merged:

- The Bargained Cash Balance Program maintains benefits for various collective bargaining units that have negotiated for their members to receive this specific cash balance form of pension benefit, but excludes new hires from certain collective bargaining units beginning August 8, 2009.
- The Bargained Cash Balance Program #2 maintains benefits for various collective bargaining units that have negotiated for their members to receive this specific cash balance form of pension benefit and includes a substantial majority of bargained employees hired after August 8, 2009.
- The Southwest Program maintains benefits for various collective bargaining units that have negotiated for their members to receive this pension benefit and covers participants employed by a Southwest Participating Company, as defined by the AT&T Plan, but excludes most new hires after various negotiated dates beginning August 8, 2009.
- The Nonbargained Program maintains benefits of certain nonbargained participants (with the exception of those programs mentioned below, which cover nonbargained participants) of the AT&T Plan who are employed by a Nonbargained Participating Company, as defined by the AT&T Plan, and who were hired prior to January 1, 2007. The Nonbargained Program also contains benefits of certain individuals who were formerly employees of Ameritech Publishing Ventures, Inc. (APVI) and whose benefit was frozen in 1993.
- The West Program maintains benefits for various collective bargaining units that have negotiated for their members to receive this pension benefit and covers participants employed by a West Participating Company, as defined by the AT&T Plan, but excludes most new hires after various negotiated dates beginning August 8, 2009.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

AT&T Pension Benefit Plan - continued

- The East Program maintains benefits for various collective bargaining units that have negotiated for their members to receive this pension benefit and covers participants employed by an East Participating Company, as defined by the AT&T Plan but excludes most new hires after various negotiated dates beginning August 8, 2009.
- The Midwest Program maintains benefits for various collective bargaining units that have negotiated for their members to receive this pension benefit and covers participants employed by a Midwest Participating Company, as defined by the AT&T Plan, but excludes most new hires after various negotiated dates beginning August 8, 2009. The Midwest Program also contains benefits of certain individuals who were formerly employees of APVI and whose benefit was frozen in 1993.
- The Mobility Program maintains benefits of (i) all U.S. nonbargained employees hired prior to January 1, 2006, employed by a Mobility Participating Company and (ii) bargained participants whose collective bargaining units have negotiated for their members to receive this pension benefit, and covers participants employed by a Mobility Participating Company, as defined by the AT&T Plan, but excludes most new hires after various negotiated dates beginning January 1, 2010.
- The AT&T Legacy Management Program maintains benefits of certain nonbargained employees hired prior to January 1, 2007, employed by an AT&T Legacy Management Participating Company, as defined by the AT&T Plan.
- The Mobility Bargained Program maintains benefits for various collective bargaining units that have negotiated for their members to receive this pension benefit and covers participants employed by a Mobility Bargained Participating Company, as defined by the AT&T Plan, but excludes most new hires after various negotiated dates beginning January 1, 2009.
- The Management Cash Balance Program maintains benefits of specified nonbargained employees of the AT&T Controlled Group, as defined by the AT&T Plan, generally hired on or after January 1, 2007 (except for certain AT&T Mobility Services, LLC employees hired on or after January 1, 2006). This Program was frozen to new hire managers effective January 1, 2015.
- The Southeast Management Program maintains benefits for certain nonbargained employees hired prior to January 1, 2007, employed by a Southeast Management Participating Company, as defined by the AT&T Plan.
- The Southeast Program maintains benefits for various collective bargaining units that have negotiated for their members to receive this pension benefit and covers participants employed by a Southeast Participating Company, as defined by the AT&T Plan but excludes most new hires after various negotiated dates beginning August 8, 2009.
- The AT&T Legacy Bargained Program maintains benefits for various collective bargaining units that have negotiated for their members to receive this pension benefit and covers participants employed by an AT&T Legacy Bargained Participating Company, as defined by the AT&T Plan, but excludes most new hires after various negotiated dates beginning August 8, 2009.
- The DIRECTV Program maintains benefits for certain nonbargained employees hired prior to January 1, 2016, employed by a DIRECTV Participating Company, as defined by the AT&T Plan.

Bargained Cash Balance Program

Under the Bargained Cash Balance Program, employee pension benefits are calculated using a cash balance formula applying a percentage of pay that is credited to a notional account that accrues interest at a market rate based on the yield on 30-year U.S. Treasury securities.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

AT&T Pension Benefit Plan - continued

Employees of certain collectively bargained units become eligible to participate in the Bargained Cash Balance Program if they have completed one year of service and are vested after five years of service (effective January 1, 2010, for active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity, or joint and survivor annuity in accordance with the terms of the AT&T Plan.

Bargained Cash Balance Program #2

Under the Bargained Cash Balance Program #2, employee pension benefits are calculated using a cash balance formula applying a percentage of pay based on age plus 2% supplemental credits of pay that exceeds the Social Security Wage Base, which is credited to a notional account that accrues 4.5% interest. Employees become eligible to participate in the Bargained Cash Balance Program #2 if they have completed one year of service and are vested after three years of service. Once vested and following a termination of employment, employees may generally elect to receive their benefit in the form of an annuity or a joint and survivor annuity (and for certain bargained groups a lump sum) in accordance with the terms of the AT&T Plan.

Southwest Program

Under the Southwest Program, employee pension benefits for bargained employees are generally calculated using a pension benefit formula based on a flat dollar amount per year of service according to job classification.

Employees of certain collectively bargained units become eligible to participate in the Southwest Program if they have completed one year of service and are vested after five years of service (effective January 1, 2010, for active employees represented by certain, but not all, collective bargaining agreements, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity, or joint and survivor annuity in accordance with the terms of the AT&T Plan.

Nonbargained Program

At December 31, 2004, the nonbargained employees' pension calculation formula was a cash balance plan formula, with a minimum benefit based upon a stated percentage of employees' adjusted career income. A nonbargained employee's pension benefit was the greater of the amount calculated under (i) the cash balance or defined lump sum formula or (ii) the traditional benefit formula. The Nonbargained Program was amended, effective January 15, 2005, to freeze benefit accruals under the cash balance and defined lump sum benefit formulas and to require that all future benefit accruals be based upon the plan's traditional pension formula (i.e., a stated percentage of an employee's adjusted career income). Each nonbargained employee's existing cash balance or defined lump sum will continue to earn interest at a variable annual market rate based on 30-year U.S. Treasury securities.

The program is limited to eligible employees hired prior to January 1, 2007. Employees are vested after five years of service (effective January 1, 2010, for active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive the portion of their previous pension benefit derived under the cash balance or defined lump sum as a lump sum or an annuity. The remaining pension benefit, if any, will be paid as a joint and survivor annuity, or life annuity if its value exceeds a stated monthly amount in accordance with the terms of the AT&T Plan. Effective January 1, 2018, employees terminating on or after May 25, 2018 who commence their benefit on or after June 1, 2018 are eligible to receive their total benefit as a lump sum. The effect of this amendment has been included in the accumulated plan benefit obligation as of December 31, 2018.

Effective January 1, 2013, this program document was restructured to include benefits previously provided under the Midwest Publishing Ventures Program document which was eliminated.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

AT&T Pension Benefit Plan - continued

West Program

Under the West Program, employee pension benefits are generally calculated using a pension benefit formula based on a flat dollar amount per year of service according to job classification.

Employees of certain collectively bargained units become eligible to participate in the West Program if they have completed one year of service and are vested after five years of service. Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum if elected within the applicable time period specified under the AT&T Plan, life annuity, or joint and survivor annuity in accordance with the terms of the AT&T Plan.

East Program

Under the East Program, employee pension benefits are generally calculated using a cash balance formula applying basic benefit credits determined based on pay and service category and promotion credits where applicable, which are credited to a notional account that accrues interest determined based on a negotiated interest crediting rate, the greater of 4% or the annual market rate based on 30-year U.S. Treasury securities.

Employees of certain collectively bargained units become eligible to participate in the East Program if they have completed one year of service and are vested after five years of service (effective January 1, 2010, for active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity, joint and survivor annuity, life annuity with a lump sum to surviving spouse or estate, or a combination of lump sum and life annuity in accordance with the terms of the AT&T Plan.

Midwest Program

Under the Midwest Program, employee pension benefits are generally calculated using a pension benefit formula based on a flat dollar amount per year of service according to job classification.

Employees of certain collectively bargained units become eligible to participate in the Midwest Program if they have completed one year of service after attaining age 21 and are vested after five years of service. Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity, or joint and survivor annuity in accordance with the terms of the AT&T Plan.

Effective January 1, 2013, this program document was restructured to include benefits previously provided under the Midwest Publishing Ventures Program document which was eliminated.

Mobility Program

Under the Mobility Program, employee pension benefits are generally calculated using a cash balance formula applying basic benefit credits determined based on pay, which are credited to a notional account that accrues interest at a market rate based on the yield on 30-year Treasury securities.

Employees of certain collectively bargained units, and certain management employees hired to a participating employer before January 1, 2006, become eligible to participate in the Mobility Program if they have completed one year of service and are vested after five years of service (effective January 1, 2010, for active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity, or joint and survivor annuity in accordance with the terms of the AT&T Plan.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

AT&T Pension Benefit Plan - continued

The Mobility Program also maintains benefits accrued under the Southern New England Telephone (SNET) bargaining units in the Communications Workers of America (CWA) District 1 and members of the Pacific Bell Wireless Facilities bargaining unit in the CWA District 9. Benefits accrued under District 1 ceased December 31, 2005, and benefits accrued under District 9 ceased December 31, 2002. Accrued benefits will be administered pursuant to the provisions of the AT&T Plan.

AT&T Legacy Management Program

Under the AT&T Legacy Management Program, employee pension benefits are generally calculated under a cash balance formula calculated as basic credits as a percentage of pay based on an age credit factor plus supplemental credits of pay (again based on an age credit factor) that exceeds the Social Security Wage Base, which is credited to a notional account that accrues interest at an annual rate of 4%. Active participants of a participating company at January 1, 1997, also participate in a frozen pension formula that provides for a minimum pension benefit based on a formula that included pensionable compensation and net credit service through July 31, 1997, or a formula based on an average annual pensionable compensation for a three-year pay base averaging period through December 1996. Participants with a greater annuity benefit from prior plan formulas will receive the greater amount.

The program is limited to eligible employees hired prior to January 1, 2007. Employees are vested after five years of service (effective January 1, 2010, for active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a life annuity or joint and survivor annuity in accordance with the terms of the AT&T Plan. However, the participant can instead elect to receive a lump sum amount up to a certain threshold, with the remainder paid as an annuity. Effective January 1, 2018, employees terminating on or after May 25, 2018 who commence their benefit on or after June 1, 2018 are eligible to receive their benefit as a single lump sum payment. The effect of this amendment has been included in the accumulated plan benefit obligation as of December 31, 2018.

Mobility Bargained Program

Under the Mobility Bargained Program, employee pension benefits are generally calculated using a pension benefit formula based on a flat dollar amount per year of service according to job classification. Employees of certain collectively bargained units become eligible to participate in the Mobility Bargained Program if they have completed one year of service and are vested after five years of service. Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a life annuity or joint and survivor annuity, and in some limited cases, a lump sum, in accordance with the terms of the AT&T Plan.

Management Cash Balance Program

Under the Management Cash Balance Program, employee pension benefits are calculated using a cash balance formula applying basic credits as a percentage of pay based on an age credit factor, plus 2% supplemental credits of pay that exceeds the Social Security Wage Base, which is credited to a notional account that accrues 4.5% interest.

Employees become eligible to participate in the Management Cash Balance Program if they have completed one year of service and are vested after three years of service. Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a life annuity or joint and survivor annuity in accordance with the terms of the AT&T Plan. Effective January 1, 2015, employees terminating after such date are eligible to receive their benefit as a single lump sum payment. Effective January 1, 2017, all employees regardless of termination date are eligible to receive their benefit as a single lump sum payment. This benefit applies to specified nonbargained employees of the AT&T Controlled Group, as defined by the AT&T Plan, generally hired on or after January 1, 2007 (except for certain AT&T Mobility Services, LLC employees hired on or after January 1, 2006). This Program was frozen to new hire managers effective January 1, 2015.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

AT&T Pension Benefit Plan - continued

Southeast Management Program

Under the Southeast Management Program, employee pension benefits are generally calculated using a cash balance formula calculated as basic credits as a percentage of pay based on service plus 3% supplemental credits of pay that exceeds the Social Security Wage Base, which is credited to a notional account that accrues interest at the greater of

3.79% or a market rate based on the yield on 30-year Treasury securities. Certain specified participants as of June 30, 1993, also participate in a frozen pension formula that provides a minimum pension benefit based on a formula that included pensionable compensation through June 30, 1993, and net credited service through December 31, 2005. Participants with an accrued benefit from the prior plan formula will receive the greater amount.

The program is limited to eligible employees hired prior to January 1, 2007. Employees are vested after three years of service. Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity or joint and survivor annuity in accordance with the terms of the AT&T Plan.

Southeast Program

Under the Southeast Program, employee pension benefits are generally calculated using a cash balance formula based on credits, determined by reference to pension bands that are credited to a notional account that accrues interest at a market rate based on the yield on 30-year U.S. Treasury securities. Benefits prior to January 1, 1999, remain under the traditional dollar per year of service annuity pension formula.

Employees of certain collectively bargained units become eligible to participate in the Southeast Program immediately and are vested after five years of service (effective January 1, 2010, for certain active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity, joint and survivor annuity, or a combination of lump sum and annuity in accordance with the terms of the AT&T Plan.

AT&T Legacy Bargained Program

Under the AT&T Legacy Bargained Program, employee pension benefits are generally calculated using a cash balance formula based on credits, determined by reference to pension bands that are credited to a notional account that accrues interest at the annual market rate based on the yield of 30 year US Treasury securities, and effective January 1, 2013, no less than 3.75%, depending upon the provisions of the applicable bargaining agreement. Certain participants who met certain eligibility requirements as of September 30, 1998, are generally eligible for a traditional dollar per year of service annuity pension formula (and receive the greater of this traditional formula and the cash balance benefit).

Employees of certain collectively bargained units become eligible to participate in the AT&T Legacy Bargained Program immediately upon attainment of age 21 and are vested after five years of service (effective January 1, 2010, for active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity, or joint and survivor annuity in accordance with the terms of the AT&T Plan.

DIRECTV Program

The DIRECTV Program covers many of the employees of DIRECTV and certain subsidiary companies, provides benefits to be paid to eligible employees or their beneficiaries upon retirement. Certain participants, who elected to contribute prior to July 1, 2010, are eligible to contribute and receive a contributory benefit, while all other participants are eligible for a noncontributory benefit. In addition, some participants are eligible for a cash balance benefit. In connection with the July 2015 merger, DIRECTV became a wholly-owned subsidiary of AT&T.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

AT&T Pension Benefit Plan - continued

Effective December 1, 2001, the DIRECTV Program established a cash balance alternative. Employees with a noncontributory benefit will receive the greater of their existing noncontributory benefit or the new cash balance benefit. Effective December 1, 2006, all DIRECTV employees, including certain Customer Call Center employees who had not previously participated in the AT&T Plan, were eligible to become AT&T Plan participants and accrue cash balance benefits, after completing one year of service. Effective December 1, 2007, the cash balance crediting rate for all new participants changed from a range of 2% to 4%; to rates of 3%, 3.5%, and 4% depending on years of vesting service. The DIRECTV Program was frozen to new entrants effective January 1, 2016. Effective November 30, 2019, all contributory and noncontributory benefits covered under the DIRECTV Program will be frozen, and applicable employees will begin accruing a DIRECTV Program cash balance account.

AT&T Puerto Rico Pension Benefit Plan

The PR Plan is a noncontributory qualified defined benefit pension plan covering substantially all bargained and nonbargained employees (hired prior to certain dates, as discussed below) of the participating subsidiaries of AT&T who reside in the Commonwealth of Puerto Rico. Effective January 1, 2012, no new employees can enter the Plan. Employees of participating subsidiaries are eligible to participate in the PR Plan if they meet the eligibility requirements for the underlying applicable program, which are discussed below.

At December 31, 2018 and 2017, the PR Plan's assets are invested in the MPT (see Note 8).

The PR Plan maintains the following programs, under which participants' benefits are calculated based on the plan from which they merged:

- The AT&T Legacy Management Program maintains benefits for management employees hired prior to January 1, 2007 who are residents of the Commonwealth of Puerto Rico. AT&T Corporation (ATTC) originally established the AT&T Management Pension Plan effective October 1, 1980, covering management employees of ATTC and its subsidiaries. Effective December 31, 2006, the participants in that plan, and their respective beneficiaries and alternate payees, who were residents of the Commonwealth of Puerto Rico were transferred to a new plan, which at the time was known as the AT&T Puerto Rican Pension Benefit Plan, AT&T Legacy Management Program, and AT&T became the Plan Sponsor. Effective January 1, 2009, this plan was renamed the AT&T Puerto Rico Pension Benefit Plan (PR Plan).
- The AT&T Legacy Bargained Program (formerly the AT&T Pension Plan) maintains benefits of specified bargained employees hired prior to August 9, 2009 who are residents of the Commonwealth of Puerto Rico of participating companies as defined by the PR Plan.
- The Mobility Program maintains benefits of all employees hired prior to January 1, 2006 for nonbargained employees and January 1, 2012 for bargained employees on the Puerto Rico payroll of a subsidiary of AT&T Mobility Services, LLC, formerly Cingular Wireless Services, LLC (Mobility).

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

AT&T Puerto Rico Pension Benefit Plan - continued

AT&T Legacy Management Program

Under the AT&T Legacy Management Program, employee pension benefits are calculated under a cash balance formula calculated as basic credits as a percentage of pay based on an age credit factor plus supplemental credits of pay (again based on an age credit factor) that exceeds the Social Security Wage Base, which is credited to a notional account that accrues interest at an annual rate of 4%. Active participants of a participating company at January 1, 1997, also participate in a frozen pension formula that provides for a minimum pension benefit based on a formula that included pensionable compensation and net credit service through July 31, 1997, or a formula based on an average annual pensionable compensation for a three-year pay base averaging period through December 1996. Participants with a greater annuity benefit from prior plan formulas will receive the greater amount. The program is limited to eligible employees hired prior to January 1, 2007. Employees are vested after five years of service (effective January 1, 2010, for active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a life annuity or joint and survivor annuity in accordance with the terms of the PR Plan. However, the participant can instead elect to receive a lump sum amount up to a certain threshold, with the remainder paid as an annuity. Effective January 1, 2018, employees terminating on or after May 25, 2018 who commence their benefit on or after June 1, 2018 are eligible to receive their benefit as a single lump sum payment. Effective January 1, 2019, all employees regardless of termination date are eligible to receive their benefit as a single lump sum payment. The effect of these amendments has been included in the accumulated plan benefit obligation as of December 31, 2018.

AT&T Legacy Bargained Program

Under the AT&T Legacy Bargained Program, employee pension benefits are calculated under a cash balance formula based on credits, determined by reference to pension bands that are credited to a notional account that accrues interest at the annual market rate based on the yield of 30 year US Treasury securities, and effective January 1, 2013, no less than 3.75%. Certain participants who met certain eligibility requirements as of September 30, 1998, are generally eligible for a traditional dollar per year of service annuity pension formula (and receive the greater of this traditional formula and the cash balance benefit).

The program is limited to employees hired prior to August 9, 2009. Employees are vested after five years of service (effective January 1, 2010, for active employees, three years of service). Once vested and following a termination of employment, employees may elect to receive their benefit in the form of a lump sum, life annuity, or joint and survivor annuity in accordance with the terms of the PR Plan.

Mobility Program

Under the Mobility Program employee pension benefits are generally calculated as a percentage of pay, which is credited to a notional account that accrued interest at a market rate based on the yield on 30-year U.S. Treasury securities. The program is limited to eligible employees hired prior to January 1, 2006 for management employees and prior to January 1, 2012 for bargained employees. Employees are vested after five years of service; however, effective January 1, 2010, for active employees, three years of service. If a participant reaches normal retirement age, dies or becomes disabled while still employed by Mobility and prior to attaining vested status, the participant would become fully vested at that time.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
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2. Summary of Significant Accounting Policies

Basis of Accounting and Use of Estimates

The accompanying financial statements are prepared on the accrual basis of accounting in accordance with U.S. generally accepted accounting principles (GAAP). GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Benefits are recorded when paid.

Investment Valuation

Investments are stated at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Management believes that the portfolio is well-diversified with no significant concentrations of risk. See Note 3 for further discussion.

Investments in securities traded on a national securities exchange are valued at the last reported sales price on the last business day of the year. If no sale was reported on that date, they are valued at the last reported bid price. Investments in securities not traded on a national securities exchange are valued using pricing models, quoted prices of securities with similar characteristics or discounted cash flows. Over-the-counter (OTC) securities and government obligations are valued at the bid price or the average of the bid and asked price on the last business day of the year from published sources where available and, if not available, from other sources considered reliable. Depending on the types and contractual terms of OTC derivatives, fair value is measured using valuation techniques, such as the Black-Scholes option pricing model, simulation models or a combination of various models.

Common/collective trust funds, pooled separate accounts, non-publicly traded registered investment companies, partnership/joint venture interests, real estate funds and other interest bearing and commingled (103-12) investment entities are valued at the net asset values of units held at year-end.

Alternative investments not having an established market are valued at fair value as determined by the investment managers. Real estate and natural resource direct investments are valued either at amounts based upon appraisal reports prepared by independent third-party appraisers or at amounts as determined by internal appraisals performed by the investment manager, which have been reviewed by an external valuation consultant.

Corporate, U.S. Government, and other bonds and notes are valued based upon pricing provided by an external pricing service when such pricing is available. In the event a security is too thinly traded or narrowly held to be priced by such a pricing service, or the price furnished by such external pricing services is deemed inaccurate, the managers will then solicit broker/dealer quotes (spreads or prices). In cases where such quotes are available, fair value will be determined based solely upon such quotes provided. Managers will typically use a pricing matrix for determining fair value in cases where an approved pricing service or a broker/dealer is unable to provide a fair valuation for specific fixed-rate securities such as many private placements. New fixed-rate securities will be initially valued at cost at the time of purchase. Thereafter, each bond and note will be assigned a spread from a pricing matrix that will be added to current Treasury rates. The pricing matrix derives spreads for each bond and note based on external market data, including the current credit rating for the bonds and notes, credit spreads to Treasuries for each credit rating, sector add-ons or credits, issue specific add-ons or credits as well as call or other options.

In substantiating the reasonableness of the pricing data provided by third parties, the general partner or fund manager evaluates a variety of factors including review of methods and assumptions used by external sources, recently executed transactions, existing contracts, economic conditions, industry and market developments and overall credit ratings. The Company meets with and monitors the performance of the fund managers on a periodic

AT&T Pension Benefit Plan
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basis throughout the year. These estimated fair values may differ significantly from the values that would have been used had a ready market for these investments existed, and such differences could be material.

The Preferred Interests (as defined and discussed later in this Note under *Contributions and Actuarial Method*) is appraised by an independent investment manager using generally accepted methods of analysis. A discounted cash flow (DCF) model of the Preferred Interests' expected distribution and option settlement proceeds is developed. It considers the credit quality of Mobility and the Preferred Interests, the potential timing of put or call option exercises, the liquidity of the Preferred Interests, the potential settlement of the Preferred Interests with AT&T unregistered common shares, and the cap on the number of AT&T shares that AT&T has committed to use in an option settlement (Capped Number of AT&T Shares). The investment manager further analyzes the DCF model with methods it deems appropriate. For example, in recognition of the uncertainty of the date on which an option may be exercised for the Preferred Interests, the investment manager uses the Black-Dermon-Toy (BDT) binomial lattice to see how sensitive the DCF result is to the assumed exercise date. The investment manager also uses Monte Carlo simulation to model future movements of AT&T's stock price and short term interest rates on a stochastic basis to determine the potential of the Capped Number of AT&T Shares to impact the valuation of the Preferred Interests.

Purchases and sales of securities are recorded as of the trade date. Realized gains and losses on sales of securities are determined on the basis of average cost. Interest income is recognized on the accrual basis. Dividend income is recognized on the ex-dividend date.

Non-interest bearing cash and overdrafts are valued at cost, which approximates fair value.

Recent Accounting Standards

In February 2017, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update No. 2017-06 "Employee Benefit Plan Master Trust Reporting" (ASU 2017-06). ASU 2017-06 requires plans to report interests in a master trust and changes in the value of that interest as separate line items on the plan's financial statements. The plans must also disclose the master trust's investments by general type as well as other assets and liabilities and disclose the dollar amount of the plan's interest in each category disclosed. The new standard is effective for fiscal years beginning after December 15, 2018 with retrospective application. Early adoption is permitted. The Pension Plans are not early adopting this standard. Management is currently evaluating this updated guidance.

In July 2018, the FASB issued Accounting Standards Update No. 2018-09 "Codification Improvements" (ASU-2018-09). ASU 2018-09 requires a plan to evaluate its investments to determine whether a readily determinable fair value exists or if investments qualify for the net asset value per share practical expedient and can be excluded from the fair value hierarchy disclosure. The new standard is effective for fiscal years beginning after December 15, 2019, with prospective application. Early adoption is permitted. The Pension Plans are not early adopting this standard. Management is currently evaluating this updated guidance.

In August 2018, the FASB issued Accounting Standards Update No. 2018-13 "Fair Value Measurement (Topic 820) Disclosure Framework- Changes to the Disclosure Requirements for Fair Value Measurement" (ASU 2018-13). ASU 2018-13 eliminates and modifies certain disclosure requirements for fair value measurements of non-public entities. The eliminated disclosure requirements include (i) the amount of and reasons for transfers between Level 1 and Level 2 of the fair value hierarchy, (ii) the policy for timing of transfers between fair value hierarchy levels, (iii) the valuation processes for Level 3 fair value measurements and (iv) the changes in unrealized gains and losses for the period included in earnings for recurring Level 3 fair value measurements held at the end of the reporting period. The modified disclosure requirements include (i) In lieu of a rollforward for Level 3 fair value measurements disclosing the transfers into and out of Level 3 of the fair value hierarchy and purchases and issuances of Level 3 assets and liabilities and (ii) for entities that use the practical expedient measure of fair value the requirement

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disclosing the timing of liquidation of an investee's assets and the date when restrictions from redemption might lapse only if the investee has communicated the timing to the entity or announced the timing publicly. The new standard is effective for fiscal years beginning after December 15, 2019 with certain retrospective applications. Early adoption is permitted. The Pension Plans are not early adopting this standard. Management is currently evaluating this updated guidance.

Contributions and Actuarial Method

Contributions to the Pension Plans are determined on a going-concern basis by an actuarial cost method known as the unit credit method. Under this method, benefits are estimated at each decrement age using service and earnings as of the valuation date, such that accumulated net assets of the Pension Plans (including future investment earnings and contributions as estimated by the enrolled actuary) should be sufficient to pay all future benefits for current and former employees and their beneficiaries at the time those benefits become payable. The actual return on investments (when positive) of the Pension Plans serves to reduce future contributions that would otherwise be required to provide the defined level of benefits. The assumed valuation interest rate utilized for the calculation of contribution levels are presented below:

	2018	2017
Effective interest rate:		
AT&T Pension Benefit Plan	5.51%	5.69%
AT&T Puerto Rico Pension Benefit Plan	5.53%	5.69%

On September 9, 2013 (Contribution Date), AT&T made a voluntary contribution of 320 million Series A Cumulative Perpetual Preferred Membership Interests (Preferred Interests) in AT&T Mobility II LLC (Mobility), the holding company for its wireless business, to the MPT, which was allocated in its entirety to the AT&T Plan. The MPT is entitled to receive cumulative cash distributions from Mobility of \$560,000 per annum, which will be distributed quarterly in equal amounts upon declaration and will be accounted for as investment income. The terms of the Preferred Interests and related documents were modified in 2018 to simplify transferability and enhance marketability.

The Preferred Interests had a value of \$9,104,000 on the Contribution Date and were valued at \$8,748,800 and \$9,155,200 as of December 31, 2018 and 2017, respectively. A holder of the Preferred Interests may put the Preferred Interests to Mobility on or after the earliest of certain events or September 9, 2020. Mobility may redeem the Preferred Interests upon a change in control of Mobility or on or after September 9, 2022. When either options arise due to a passage of time, that option may be exercised only during certain periods. The price at which a put option or a redemption option can be exercised is the greater of (1) the market value of the interest as of the last date of the quarter preceding the date of the exercise of a put or redemption option and (2) the sum of (a) twenty-five dollars (\$8,000,000 in the aggregate) plus (b) any accrued and unpaid distributions. The redemption price may be paid with cash, AT&T common stock, or a combination of cash and AT&T common stock, at Mobility's sole election. In no event shall Mobility be required to deliver more than 250 million shares of AT&T common stock to settle put and redemption options. AT&T has the intent and ability to settle the Preferred Interests with cash.

The Pension Plans have met the ERISA minimum funding requirements for 2018 and 2017. AT&T made contributions of \$80,000 and \$2,146 in 2018 to the AT&T Plan and the PR Plan, respectively.

Actuarial Present Values of Accumulated Plan Benefits

Accumulated plan benefits are those estimated future periodic payments, including lump sum distributions that are attributable under the Pension Plans' provisions to the service that employees have rendered to AT&T's participating subsidiaries as of the valuation date. Accumulated plan benefits include benefits expected to be paid to: (a) retired or terminated employees or their beneficiaries; (b) beneficiaries of deceased employees; and (c) present

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employees or their beneficiaries. The accumulated plan benefits for active employees are based on census data and the plan provisions in effect at the end of the plan year. Benefits payable upon retirement, death, disability, or withdrawal are included to the extent that they are deemed attributable to employee service rendered as of the valuation date.

The actuarial present value of accumulated plan benefits is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment. The significant assumptions used to determine the actuarial present values of accumulated plan benefits as of December 31, 2018 and 2017 include (a) rates of retirement, withdrawal, and disability based on experience studies of participating subsidiary employees; (b) rates of mortality based on RP-2014 Combined Healthy Mortality Table (fully generational) with projection Scale MP-2018 and Scale MP-2017, respectively; (c) the following interest rates:

	<u>2018</u>	<u>2017</u>
Expected Return on Assets:		
AT&T Pension Benefit Plan	6.50%	6.50%
AT&T Puerto Rico Pension Benefit Plan	6.50%	6.50%

The foregoing actuarial assumptions are based on the presumption that the Pension Plans will continue. Were the Pension Plans to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

3. Fair Value Measurements

Accounting Standards Codification (ASC) Topic 820, *Fair Value Measurement* establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described below:

- Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Pension Plans have the ability to access.
- Level 2 Inputs to the valuation methodology include:
- Quoted prices for similar assets and liabilities in active markets;
 - Quoted prices for identical or similar assets or liabilities in inactive markets;
 - Inputs other than quoted market prices that are observable for the asset or liability;
 - Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

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Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement. Fair value is often based on internally developed models in which there are few, if any, external observations.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used should maximize the use of observable inputs and minimize the use of unobservable inputs.

The valuation methodologies described in Note 2 may produce a fair value calculation that may not be indicative of net future realizable value or reflective of future fair values. The use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date. There have been no changes in the methodologies used at December 31, 2018 and 2017.

See Note 8 for the fair value hierarchy for the MPT investments.

4. Accumulated Plan Benefits

The Pension Plans' actuarial present value of accumulated plan benefits as of December 31, 2018 and 2017 presented below were determined using a discount rate of 6.50%. The Pension Plans use the expected rate of return on plan assets as a basis for determining the interest rate assumption.

The actuarial present values of the Pension Plans' accumulated plan benefits at December 31, 2018 and 2017 are presented below:

	2018		2017	
	AT&T Pension Benefit Plan	AT&T Puerto Rico Pension Benefit Plan	AT&T Pension Benefit Plan	AT&T Puerto Rico Pension Benefit Plan
Vested benefits:				
Participants currently receiving payments	\$ 21,437,031	\$ 6,687	\$ 21,682,330	\$ 6,613
Other participants	19,709,446	22,100	20,824,017	19,130
Nonvested benefits	1,650,726	603	1,748,005	1,058
Total	<u>\$ 42,797,203</u>	<u>\$ 29,390</u>	<u>\$ 44,254,352</u>	<u>\$ 26,801</u>

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

The significant changes in the Pension Plans accumulated plan benefits between the December 31, 2017 and December 31, 2018 actuarial valuations are as follows:

	AT&T Pension Benefit Plan	AT&T Puerto Rico Pension Benefit Plan
Actuarial present value of accumulated plan benefits as of December 31, 2017	\$ 44,254,352	\$ 26,801
Increase (decrease) during the year attributable to:		
Increase in discount period	2,730,653	1,688
Plan amendments	176,833	20
Change in interest crediting and lump sum conversion rate	(419,847)	1,038
Change in mortality scale	(380,054)	(77)
Additional benefits earned and experience gains/losses	995,673	1,619
Benefits paid	(4,560,407)	(1,699)
Net increase (decrease)	(1,457,149)	2,589
Actuarial present value of accumulated plan benefits as of December 31, 2018	\$ 42,797,203	\$ 29,390

The significant changes in the Pension Plans accumulated plan benefits between the December 31, 2016 and December 31, 2017 actuarial valuations are as follows:

	AT&T Pension Benefit Plan	AT&T Puerto Rico Pension Benefit Plan
Actuarial present value of accumulated plan benefits as of December 31, 2016	\$ 43,144,737	\$ 24,478
Increase (decrease) during the year attributable to:		
Increase in discount period	2,789,320	1,597
Plan amendments	107,848	(7)
Change in lump sum conversion rate	723,891	(22)
Change in mortality scale	(220,606)	(41)
Additional benefits earned and experience gains/losses	478,231	1,815
Benefits paid	(3,703,415)	(1,675)
Change in discount rate to 6.50%	934,346	656
Net increase	1,109,615	2,323
Actuarial present value of accumulated plan benefits as of December 31, 2017	\$ 44,254,352	\$ 26,801

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

During 2018, there was a plan change involving the ability of certain Pension Plans participants to receive their benefit in a lump-sum amount upon retirement. This plan change resulted in an increase in the plan's accumulated plan benefits of \$121,055 and \$20 for the AT&T Plan (Nonbargained Program and AT&T Legacy Management Program) and the PR Plan (AT&T Legacy Management Program), respectively. In addition, a plan change where certain Pension Plans participants who terminated employment before April 1, 2019 were offered the option of more favorable 2018 interest rates and mortality basis for determining their lump-sum amount resulted in an increase in the AT&T Plan's (Nonbargained Program and AT&T Legacy Management Program) accumulated plan benefits of \$55,778 and a negligible increase for the PR Plan (AT&T Legacy Management Program).

5. Tax Status

The AT&T Plan filed for a determination letter on January 21, 2014, pursuant to the Internal Revenue Service (IRS) Cycle C determination letter filing process, and the AT&T Plan received a determination letter from the IRS dated September 21, 2017 stating that the AT&T Plan is qualified under Section 401(a) of the Internal Revenue Code (IRC) and, therefore, that the related trust is exempt from taxation. Subsequent to this determination by the IRS, this plan was amended and restated. The PR Plan filed for a new determination letter on April 30, 2013, again pursuant to the IRS Cycle C determination letter filing process, and AT&T received a determination letter from the IRS dated September 8, 2015. Subsequent to this determination by the IRS, this plan was amended. Once qualified, the Pension Plans are required to operate in conformity with the IRC to maintain their qualification. Although the IRS no longer allows determination letter requests except in limited circumstances, the plan administrator has indicated that it will take the necessary steps, if any, to maintain the Pension Plans' operations in compliance with the IRC.

The PR Plan has also received a determination letter from the Commonwealth of Puerto Rico's Department of Treasury (Treasury) dated February 26, 2015, stating that the Plan is qualified under Section 1081.01 of the IRC for a New Puerto Rico (the Puerto Rico Code), and therefore, the related trust is exempt from taxation. Subsequent to this determination by the Treasury, this plan was amended and restated. Once qualified, the PR Plan is required to operate in conformity with Puerto Rico Code to maintain its qualified status. The plan administrator has indicated that it will take the necessary steps, if any, to maintain the PR Plan's operations into compliance with the Puerto Rico Code.

Accounting principles generally accepted in the United States require plan management to evaluate uncertain tax positions taken by the Pension Plans. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS or Treasury. The plan administrator has analyzed the tax positions taken by the Pension Plans, and has concluded that as of December 31, 2018, there are no uncertain positions taken or expected to be taken. The Pension Plans have recognized no interest or penalties related to uncertain tax positions. The Pension Plans are subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

6. Risks and Uncertainties

The Pension Plans invests in various securities. Investment securities are exposed to various risks such as interest rate, liquidity, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for benefits. The Pension Plans' contributions are made and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimation and assumption process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

7. Termination Priorities

Although it has not expressed any intention to do so, AT&T has the right under the Pension Plans to discontinue its contributions at any time and to terminate the Pension Plans subject to the provisions set forth by ERISA.

In the event that the Pension Plans are terminated, subject to conditions set forth by ERISA:

- the Pension Plans provide that the net assets available for plan benefits shall be allocated among the participants and beneficiaries of the Pension Plans in the order provided for by ERISA;
- to the extent unfunded vested benefits then exist, ERISA provides that such benefits are payable by the Pension Benefit Guaranty Corporation to participants, up to specified limitations, as described in ERISA; and
- to the extent that the net assets available for benefits exceed the amounts to be allocated as provided for by ERISA, the Pension Plans provide that such amounts will be used for any benefit purpose that does not contravene applicable law.

8. SBC Master Pension Trust (MPT)

All assets of the Pension Plans are maintained in the MPT. The purpose of the MPT is the collective investment of the assets of participating plans sponsored by AT&T. Except for the Preferred Interests discussed in Note 2, the assets are allocated among the participating plans by assigning to each plan those transactions that can be specifically identified, and allocating among all plans the net investment income, gains and losses, and expenses of the MPT, in proportion to the market value of the assets assigned to each plan.

At December 31, 2018 and 2017, JPMorgan Chase Bank N.A. was the trustee for the MPT. The following table sets forth, by percentage, each plans' participation in the MPT.

	2018	2017
AT&T Pension Benefit Plan	99.94%	99.94%
AT&T Puerto Rico Pension Benefit Plan	0.06%	0.06%

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

The net assets held under the MPT agreement as of December 31 are summarized below:

	2018	2017
Assets		
Non-interest bearing cash	\$ 51,883	\$ 95,517
Interest bearing investments	1,625,144	1,163,474
Pooled separate accounts	694,872	995,502
Common/collective trust funds	1,109,000	1,213,244
103-12 investments	1,616,975	1,907,511
U.S. Government bonds and notes	4,780,110	5,023,188
U.S. Government bonds and notes-loaned	644,329	727,753
Corporate and other bonds and notes	9,446,412	9,619,563
Corporate and other bonds and notes-loaned	360,716	949,783
Equities	9,925,807	13,894,401
Equities-loaned	387,653	518,928
Preferred interest	8,748,800	9,155,200
Mortgage backed securities	381,624	764,777
Partnership/joint venture interests	5,919,586	6,117,070
Real estate	3,047,119	2,972,638
Non-publically traded registered investment companies	463,160	56,165
Purchased options	-	330
Collateral – securities lending	1,429,570	2,248,408
Total investments, at fair value	<u>50,580,877</u>	<u>57,327,935</u>
Receivable for securities sold	28,404	634,531
Contribution receivable	2,146	3,488
Receivable for investments sold short	555,253	461,195
Unrealized appreciation on foreign currency contracts	5,559	3,292
Variation margin receivable	11,878	1,791
Accrued income	311,128	302,811
Other receivables	14,758	12,949
Total assets	<u>51,561,886</u>	<u>58,843,509</u>
Liabilities		
Overdrafts	117,534	18,432
Securities lending payable	1,429,570	2,248,408
Payable for securities purchased	156,072	1,197,617
Investments sold short (proceeds of \$601,450 and \$468,078)	533,667	475,558
Written options payable (premiums of \$0 and (\$119))	-	122
Unrealized depreciation on foreign currency contracts	5,832	4,067
Short sales payable	1,275	110
Other liabilities	28,052	15,555
Total liabilities	<u>2,272,002</u>	<u>3,959,869</u>
Net assets of the MPT	<u><u>\$ 49,289,884</u></u>	<u><u>\$ 54,883,640</u></u>

In the table above, certain reclassifications have been made to the 2017 net assets to conform to the 2018 net asset presentation.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

The following is the net increase (decrease) in the fair value of net assets for the MPT:

	Year Ended December 31,	
	2018	2017
Additions		
Net appreciation in fair value of investments	\$ -	\$ 5,813,621
Investment income	1,774,493	1,674,828
Employer contributions	82,146	9,025
Transfer of assets resulting from Mandatory Portability Agreement	5,256	4,992
Total additions	1,861,895	7,502,466
Deductions		
Net depreciation in fair value of investments	2,702,291	-
Pension and death benefits	4,562,106	3,705,090
Trustee and investment management fees and administrative expenses	191,254	183,774
Total deductions	7,455,651	3,888,864
Net increase (decrease)	(5,593,756)	3,613,602
Net assets of the MPT:		
Beginning of year	54,883,640	51,270,038
End of year	\$ 49,289,884	\$ 54,883,640

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

The following table sets forth by level, within the fair value hierarchy, the MPT's assets at fair value as of December 31, 2018:

	Level 1	Level 2	Level 3	Total
Non-interest bearing cash	\$ 51,883	\$ —	\$ —	\$ 51,883
Interest bearing investments	105,821	41,300	—	147,121
Foreign currency contracts	—	5,559	—	5,559
Equity securities	10,303,796	8,442	1,222	10,313,460
Preferred interest	—	—	8,748,800	8,748,800
Corporate and other bonds and notes	—	9,803,783	3,345	9,807,128
U.S. Government bonds and notes	43,759	5,380,680	—	5,424,439
Mortgage backed securities	—	381,624	—	381,624
Real assets	—	—	2,616,937	2,616,937
Securities lending collateral	7,760	1,421,810	—	1,429,570
Receivable for variation margin	11,878	—	—	11,878
Assets at fair value	10,473,014	17,043,198	11,370,304	38,886,516
Overdrafts	117,534	—	—	117,534
Unrealized depreciation on foreign currency contracts	—	5,832	—	5,832
Investments sold short	532,692	975	—	533,667
Liabilities at fair value	650,226	6,807	—	657,033
Net assets and liabilities fair value hierarchy table	\$ 9,874,671	\$ 17,036,391	\$ 11,370,304	\$ 38,281,366
Assets held at net asset value practical expedient:				
Common/collective trust funds				1,109,000
Pooled separate accounts				694,872
Partnership/joint venture interests				5,919,586
Interest bearing investments				1,478,023
103-12 investments				1,616,975
Non-publically traded registered investment companies				463,160
Real estate funds				430,182
Total assets held at net asset value practical expedient:				11,711,798
Other assets (liabilities)				(703,280)
Net assets of the MPT				\$ 49,289,884

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

Additional Disclosures Related to MPT Assets Measured at NAV as of December 31, 2018:

Investment Class-Sub Class		Fair Value	Unfunded Commitments	Redemption Frequency (If Currently Eligible)	Redemption Notice Period
Real assets	Open-end funds ²	\$ 394,879	\$ –	Quarterly	45-90 days
	Closed-end funds ³	1,606,739	867,897	No redemption rights	NA
Partnership/Joint Venture	Closed-end funds ⁴	4,403,161	2,155,105	No redemption rights	NA
Fixed Income	Closed-end funds ⁶	137,098	95,349	No redemption rights	NA
Common/collective trust funds, 103-12 investments and Other:	Interest bearing investments ⁹	1,584,597	–	Daily	NA
	Hedge funds ¹	646,201	–	Monthly, Annually	3-90 days
	Fixed income ⁷	144,218	–	Daily, Monthly	3-5 days
	Equities ⁸	1,264,795	–	Daily, Monthly	1-30 days
	Open-end funds ⁵	1,530,110	–	Monthly, Quarterly	5-30 days
Total		<u>\$ 11,711,798</u>	<u>\$ 3,118,351</u>		

- (1) This class includes both directional and nondirectional hedge fund strategies. These investments can be redeemed provided the funds have sufficient liquidity; otherwise, unredeemed amounts are rolled forward to the next period. It is estimated that the redemption from one fund, which the MPT has elected to exit, will occur over the next 3 years given favorable market conditions.
- (2) This class includes three real estate funds that invest primarily in U.S. commercial real estate. These are open-ended funds with no final termination dates. These investments can be redeemed quarterly provided the funds have sufficient liquidity; otherwise, unredeemed amounts are rolled forward to the next quarter. There are no current plans to sell any of these funds.
- (3) This class includes real estate and natural resource investment funds that invest in U.S. and international real assets. These investments can never be redeemed with the funds. Distributions from each fund will be received as the underlying investments of the funds are liquidated. It is estimated that the underlying assets of the funds will be liquidated over the next 10 years given favorable market conditions. There are no current plans to sell any of these funds.
- (4) This class includes private equity funds that invest in U.S. and international companies. These investments can never be redeemed with the funds. Distributions from each fund will be received as the underlying investments of the funds are liquidated. It is estimated that the underlying assets of the funds will be liquidated over the next 10 years given favorable conditions. There are no current plans to sell any of these funds.
- (5) This class includes several fixed income funds that invest primarily in U.S. fixed income securities, however may also invest in non-U.S. securities. These are open-ended funds with no final termination dates. These investments can be redeemed on a monthly or quarterly basis. Redemptions are subject to available cash in the funds. These funds do not make regular distributions. Unless redeemed, assets are reinvested as the investments of the funds are liquidated or mature. There are no current plans to sell any of these funds.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

- (6) This class includes several fixed income funds or funds of funds that invest primarily in mezzanine debt securities or distressed debt securities or funds. These funds invest primarily in U.S. fixed income securities but may also invest in non-U.S. securities. These investments can never be redeemed. Distributions from each fund will be received as the underlying investments of the funds are liquidated or matured. It is estimated that the underlying assets of the funds will be liquidated over the next 7 years given favorable market conditions. There are no current plans to sell any of these funds.
- (7) This class includes fixed income commingled funds that invest primarily in publicly traded fixed income securities. These funds are approved by AT&T for a manager to utilize on a discretionary tactical basis as part of a broad fixed income mandate. These are open-ended funds with no final termination dates.
- (8) This class includes equity commingled funds that invest primarily in publicly traded U.S. and non-U.S. equity securities. These funds are selected by AT&T, and AT&T determines the timing and amount of contributions/redemptions. These are open ended funds with no final termination dates.
- (9) This class includes funds that invest primarily in publicly traded short-term fixed income securities and emerging market equity securities. These funds are approved by AT&T. These are open ended funds with no final termination dates.

Real assets held by the MPT includes approximately 74 separate real estate properties totaling \$2,616,937 at December 31, 2018. These Level 3 investments are valued by an independent real estate appraiser in accordance with the Uniform Standards of Professional Appraisal Practice and in compliance with the Code of Professional Ethics and Standards of Professional Practice of the Appraisal Institute. The reports are reviewed and approved by a member of the Appraisal Institute with the professional designation MAI as well as an independent valuation consultant retained by the MPT.

Properties are appraised using common methods of analysis: the cost, sales comparison and income capitalization approach, with the final estimated fair value giving most consideration to the method(s) deemed most applicable to the specific characteristics of the property.

The cost approach includes analyzing comparable land sales to determine the underlying land value of the property, which is valued based upon its highest and best use. Replacement cost is estimated using actual cost comparison and/or the current version of a nationally recognized cost estimating service.

The sales comparison approach utilizes market comparable properties, and includes analysis of the properties, the nature of the buyers and sellers, and a description of the transaction including terms of the sale and the source of the data.

The income capitalization approach includes analysis of market rent, existing contract rent, competitive occupancy rates, existing property vacancy and forecast absorption, historical, current and market expenses, projected capital expenditures and the derived net operating income and cash flow. In this valuation, net operating income is converted to value under the direct capitalization and discounted cash flow methods. The following significant inputs were made available in the third-party appraisals of the MPT's real assets, the significant inputs by property type at December 31, 2018:

	Weighted-Average Discount Rate	Year-One Capitalization rate
Retail – Regional Mall	5.75%	4.37%
Retail – Non-Regional Mall	6.68%	4.30%
Office	6.24%	4.00%
Industrial	5.95%	4.22%
Residential	6.17%	3.12%

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
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The estimated fair values may vary significantly from the prices at which the properties would actually sell, since market prices of the investments can only be determined by negotiation between a willing buyer and seller. Management believes these estimates to be reasonable approximations of market prices.

The table below sets forth a summary of changes in the fair value of the MPT's Level 3 investment assets for the year ended December 31, 2018.

	Equities	Preferred Interest	Corporate and Other Bonds and Notes	Real Assets	Total
Balance, beginning of year	\$ 4,290	\$ 9,155,200	\$ 1,744	\$ 2,345,592	\$ 11,506,826
Realized gains (losses)	28	-	(217)	119,816	119,627
Unrealized gains (losses)	(435)	(406,400)	(660)	148,816	(258,679)
Transfers in	1,132	-	-	266,204	267,336
Transfers out	(3,765)	-	(921)	-	(4,686)
Purchases	-	-	8,030	85,266	93,296
Sales	(28)	-	(4,631)	(348,757)	(353,416)
Balance, end of year	<u>\$ 1,222</u>	<u>\$ 8,748,800</u>	<u>\$ 3,345</u>	<u>\$ 2,616,937</u>	<u>\$ 11,370,304</u>

The realized gains (losses) and unrealized gains (losses) on Level 3 investments are reflected in the net appreciation/depreciation in fair value of the MPT's investments and are included in each plan's Net Investment gain (loss) from Plan's Interest in the MPT.

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

The following table sets forth by level, within the fair value hierarchy, the MPT's assets at fair value as of December 31, 2017:

	Level 1	Level 2	Level 3	Total
Non-interest bearing cash	\$ 95,517	\$ —	\$ —	\$ 95,517
Interest bearing investments	7,362	20,146	—	27,508
Foreign currency contracts	—	3,292	—	3,292
Equity securities	14,407,675	1,364	4,290	14,413,329
Preferred interest	—	—	9,155,200	9,155,200
Corporate and other bonds and notes	47,720	10,519,882	1,744	10,569,346
U.S. Government bonds and notes	—	5,750,941	—	5,750,941
Mortgage backed securities	—	764,777	—	764,777
Real assets	—	—	2,345,592	2,345,592
Securities lending collateral	8,415	2,239,993	—	2,248,408
Purchased options	—	330	—	330
Receivable for variation margin	1,791	—	—	1,791
Assets at fair value	14,472,963	19,300,725	11,506,826	45,280,514
Overdrafts	18,432	—	—	18,432
Unrealized depreciation on foreign currency contracts	—	4,067	—	4,067
Investments sold short	474,462	1,096	—	475,558
Written options payable	—	122	—	122
Liabilities at fair value	492,894	5,285	—	498,179
Net assets and liabilities fair value hierarchy table	\$ 14,075,586	\$ 19,295,440	\$ 11,506,826	\$ 44,877,852
Assets held at net asset value practical expedient:				
Common/collective trust funds				1,213,244
Pooled separate accounts				995,502
Partnership/joint venture interests				6,117,070
Interest bearing investments				1,135,966
103-12 investments				1,907,511
Non-publically traded registered investment companies				56,165
Real estate funds				627,046
Total assets held at net asset value practical expedient:				12,052,504
Other assets (liabilities)				(2,046,716)
Net assets of the MPT				\$ 54,883,640

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
(Dollars in Thousands)

Additional Disclosures Related to MPT Assets Measured at NAV as of December 31, 2017:

Investment Class-Sub Class		Fair Value	Unfunded Commitments	Redemption Frequency (If Currently Eligible)	Redemption Notice Period
Real assets	Open-end funds ²	\$ 363,034	\$ –	Quarterly	45-90 days
	Closed-end funds ³	1,936,294	612,488	No redemption rights	NA
Partnership/Joint Venture	Closed-end funds ⁴	4,610,619	1,924,186	No redemption rights	NA
Fixed Income	Closed-end funds ⁶	181,648	100,076	No redemption rights	NA
Common/ collective trust funds, 103-12 investments and Other:	Interest bearing investments ⁹	1,253,022	–	Daily	NA
	Hedge funds ¹	601,686	–	Monthly, Annually	NA
	Fixed income ⁷	174,146	–	Daily, Monthly	3-5 days
	Equities ⁸	1,728,150	–	Quarterly, Annually	1-30 days
	Open-end funds ⁵	1,203,905	–	Monthly, Quarterly	5-30 days
Total		<u>\$ 12,052,504</u>	<u>\$ 2,636,750</u>		

- (1) This class includes both directional and nondirectional hedge fund strategies. The fair values of these investments have been estimated using the net asset value per share reported by the fund managers. These investments can be redeemed provided the funds have sufficient liquidity; otherwise, unredeemed amounts are rolled forward to the next period. It is estimated that the redemption from one fund, which the MPT has elected to exit, will occur over the next 3 years given favorable market conditions.
- (2) This class includes four real estate funds that invest primarily in U.S. commercial real estate. The fair values of the investments in this class have been estimated using the net asset values reported by the fund managers. These are open-ended funds with no final termination dates. These investments can be redeemed quarterly provided the funds have sufficient liquidity; otherwise, unredeemed amounts are rolled forward to the next quarter. It is estimated that the redemption from the one fund from which the MPT has elected to exit will be completed over the next year.
- (3) This class includes real estate and natural resource investment funds that invest in U.S. and international real assets. The fair values of the investments in this class have been estimated using the net asset value of the MPT's ownership in partners' capital. These investments can never be redeemed with the funds. Distributions from each fund will be received as the underlying investments of the funds are liquidated. It is estimated that the underlying assets of the funds will be liquidated over the next 10 years given favorable market conditions. There are no current plans to sell any of these funds.
- (4) This class includes private equity funds that invest in U.S. and international companies. The fair values of the investments in this class have been estimated using the net asset value of the MPT's ownership in partners' capital. These investments can never be redeemed with the funds. Distributions from each fund will be received as the underlying investments of the funds are liquidated. It is estimated that the

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
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underlying assets of the funds will be liquidated over the next 10 years given favorable conditions. There are no current plans to sell any of these funds.

- (5) This class includes several fixed income funds that invest primarily in U.S. fixed income securities, however may also invest in non-U.S. securities. The fair values of the investments in this class have been estimated using the net asset values reported by the fund managers. These are open-ended funds with no final termination dates. These investments can be redeemed on a monthly or quarterly basis. Redemptions are subject to available cash in the funds. These funds do not make regular distributions. Unless redeemed, assets are reinvested as the investments of the funds are liquidated or mature. There are no current plans to sell any of these funds.
- (6) This class includes several fixed income funds or funds of funds that invest primarily in mezzanine debt securities or distressed debt securities or funds. These funds invest primarily in U.S. fixed income securities but may also invest in non-U.S. securities. The fair values of the investments in this class have been estimated using the net asset value of the MPT's ownership in partners' capital. These investments can never be redeemed. Distributions from each fund will be received as the underlying investments of the funds are liquidated or matured. It is estimated that the underlying assets of the funds will be liquidated over the next 8 years given favorable market conditions. There are no current plans to sell any of these funds.
- (7) This class includes fixed income commingled funds that invest primarily in publicly traded fixed income securities. The fair values of the investments in this class have been estimated using the net asset values reported by the fund managers. These funds are approved by AT&T for a manager to utilize on a discretionary tactical basis as part of a broad fixed income mandate. These are open-ended funds with no final termination dates.
- (8) This class includes equity commingled funds that invest primarily in publicly traded U.S. and non-U.S. equity securities. The fair values of the investments in this class have been estimated using the net asset value per share reported by the funds' managers. These funds are selected by AT&T, and AT&T determines the timing and amount of contributions/redemptions. These are open ended funds with no final termination dates.
- (9) This class includes funds that invest primarily in publicly traded short-term fixed income securities. The fair values of the investments in this class have been estimated using the net asset value per share reported by the fund managers. These funds are approved by AT&T. These are open ended funds with no final termination dates.

Real assets held by the MPT includes approximately 72 separate real estate properties totaling \$2,345,592 at December 31, 2017. These Level 3 investments are valued by an independent real estate appraiser in accordance with the Uniform Standards of Professional Appraisal Practice and in compliance with the Code of Professional Ethics and Standards of Professional Practice of the Appraisal Institute. The reports are reviewed and approved by a member of the Appraisal Institute with the professional designation MAI as well as an independent valuation consultant retained by the MPT.

Properties are appraised using common methods of analysis: the cost, sales comparison and income capitalization approach, with the final estimated fair value giving most consideration to the method(s) deemed most applicable to the specific characteristics of the property.

The cost approach includes analyzing comparable land sales to determine the underlying land value of the property, which is valued based upon its highest and best use. Replacement cost is estimated using actual cost comparison and/or the current version of a nationally recognized cost estimating service.

The sales comparison approach utilizes market comparable properties, and includes analysis of the properties, the nature of the buyers and sellers, and a description of the transaction including terms of the sale and the source of the data.

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The income capitalization approach includes analysis of market rent, existing contract rent, competitive occupancy rates, existing property vacancy and forecast absorption, historical, current and market expenses, projected capital expenditures and the derived net operating income and cash flow. In this valuation, net operating income is converted to value under the direct capitalization and discounted cash flow methods. The following significant inputs were made available in the third-party appraisals of the MPT's real assets, the significant inputs by property type at December 31, 2017:

	Weighted-Average Discount Rate	Year-One Capitalization rate
Retail – Regional Mall	5.69%	4.64%
Retail – Non-Regional Mall	6.63%	5.55%
Office	6.50%	4.01%
Industrial	6.14%	4.55%
Residential	6.21%	3.58%

The estimated fair values may vary significantly from the prices at which the properties would actually sell, since market prices of the investments can only be determined by negotiation between a willing buyer and seller. Management believes these estimates to be reasonable approximations of market prices.

The table below sets forth a summary of changes in the fair value of the MPT's Level 3 investment assets for the year ended December 31, 2017.

	Equities	Preferred Interest	Corporate and Other Bonds and Notes	Real Assets	Total
Balance, beginning of year	\$ 682	\$ 8,476,800	\$ 40,122	\$ 2,303,349	\$ 10,820,953
Realized gains (losses)	1,056	-	1	(72,708)	(71,651)
Unrealized gains (losses)	(1,323)	678,400	(227)	243,883	920,733
Transfers in	(8)	-	-	25,001	24,993
Transfers out	(54)	-	(31,605)	-	(31,659)
Purchases	5,171	-	-	157,379	162,550
Sales	(1,234)	-	(6,547)	(311,312)	(319,093)
Balance, end of year	\$ 4,290	\$ 9,155,200	\$ 1,744	\$ 2,345,592	\$ 11,506,826

The realized gains (losses) and unrealized gains (losses) on Level 3 investments are reflected in the net appreciation/depreciation in fair value of the MPT's investments and are included in each plan's Net Investment gain (loss) from Plan's Interest in the MPT.

Derivatives

In the normal course of operations, MPT assets and liabilities may include derivative financial instruments (futures, options, and foreign currency contracts). These derivatives may involve, in varying degrees, elements of credit and market risks in excess of more traditional investment holdings, such as equity and debt instruments. The contract or notional amounts disclosed in this footnote and the amounts of realized and unrealized gain and loss on derivative instruments during the period presented below provide a measure of the MPT's involvement in such instruments but are not indicative of potential loss. The intent is to use derivative financial instruments as investments to gain

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exposure to certain markets and as economic hedges to manage equity price and foreign currency exchange rate risk associated with the MPT's investments. The MPT's fiduciaries do not anticipate any material adverse effect on the MPT's financial position resulting from its involvement in these instruments.

The following tables show the gross amounts of recognized financial assets and liabilities (i.e. before offsetting) and the amounts offset in the MPT statement of net assets. Financial assets and liabilities are only offset when the MPT currently has a legally enforceable right to set off the recognized amounts and the MPT intends to either settle on a net basis or realize the asset and settle the liability simultaneously. A right of set off is the MPT's legal right to settle an amount payable to a creditor by applying against it an amount receivable from the same counterparty. The relevant legal jurisdiction and laws applicable to the relationships between the parties need to be considered when assessing whether a current legally enforceable right to set off exists. The MPT has collateral held at the futures clearing house related to futures contracts in the tables below.

As of December 31, 2018 gross and offset amounts reflected in the MPT statement was:

	Gross Amount Recognized	Gross Amount Offset	Net Amount Recognized	Cash Collateral received/ (pledged)	Net Amount
Forward foreign currency exchange rate contracts:					
Assets	\$ 5,559	\$ -	\$ 5,559	\$ 661	\$ 6,220
Liabilities	(5,832)	-	(5,832)	(1,760)	(7,592)
Net	(273)	-	(273) ¹	(1,099)	(1,372)
Futures contracts:					
Assets					
Bond index	3,882,861	(3,872,926)	9,935	27,899	37,834
Equity index	1,651,750	(1,642,926)	8,824	89,850	98,674
Interest rate	381,634	(381,578)	56	-	56
Liabilities					
Bond index	(2,746,879)	2,740,995	(5,884)	(340)	(6,224)
Equity index	-	(1,051)	(1,051)	(40,101)	(41,152)
Interest rate	(19,227)	19,225	(2)	-	(2)
Net	3,150,139	(3,138,261)	11,878 ²	77,308	89,186
Total derivatives	\$ 3,149,866	\$ (3,138,261)	\$ 11,605	\$ 76,209	\$ 87,814

(1) These amounts are included within the balance of unrealized appreciation and unrealized depreciation on foreign currency contracts of the Net Assets of the MPT.

(2) Recognized as variation margin receivable in the Net Assets of the MPT.

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As of December 31, 2017 gross and offset amounts reflected in the MPT statement was:

	Gross Amount Recognized	Gross Amount Offset	Net Amount Recognized	Cash Collateral received/ (pledged)	Net Amount
Forward foreign currency exchange rate contracts:					
Assets	\$ 3,292	\$ -	\$ 3,292	\$ 1,880	\$ 5,172
Liabilities	(4,067)	-	(4,067)	(1,050)	(5,117)
Net	(775)	-	(775) ¹	830	55
Futures contracts:					
Assets					
Bond index	2,357,752	(2,352,598)	5,154	15,598	20,752
Equity index	559,174	(559,018)	156	4,888	5,044
Interest rate	478,524	(478,480)	44	328	372
Liabilities					
Bond index	(1,428,439)	1,427,157	(1,282)	-	(1,282)
Equity index	-	(2,262)	(2,262)	(1,009)	(3,271)
Interest rate	(108,827)	108,808	(19)	-	(19)
Net	1,858,184	(1,856,393)	1,791 ²	19,805	21,596
Options contracts:					
Purchased options	330	-	330 ³	-	330
Written options	(122)	-	(122) ³	-	(122)
Net	208	-	208	-	208
Total derivatives	\$ 1,857,617	\$ (1,856,393)	\$ 1,224	\$ 20,635	\$ 21,859

(1) These amounts are included within the balance of interest bearing investments and unrealized depreciation on foreign currency contracts of the Net Assets of the MPT.

(2) Recognized as variation margin receivable in the Net Assets of the MPT.

(3) Recognized as purchased options and written option payable in the Net Assets of the MPT.

The following table presents the effect of realized and changes in unrealized gains (losses) with respect to these derivative instruments, by type of derivative. The gains (losses) are located on the Statement of Changes in Net Assets Available for Benefits as Net investment gain (loss) from Plan's interest in the MPT.

	Year Ended December 31, 2018	Year Ended December 31, 2017
Futures contracts	\$ (169,518)	\$ 253,407
Option contracts	\$ 366	\$ 737
Forward foreign currency exchange rate contracts	\$ (22,413)	\$ (11,906)

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AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
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Futures Contracts

On behalf of the Pension Plans, investment managers for the MPT enter into various futures contracts to economically hedge investments in domestic equity, international equity and fixed income securities. The futures contracts held in the MPT are used primarily for two reasons: 1) a cost-effective way to manage the overall asset allocation of the MPT, and 2) a cost-effective way to implement and manage duration and yield curve strategy in the fixed income portfolio. The investments in the MPT are subject to equity price risk and interest rate risk, in the normal course of pursuing investment objectives.

Futures contracts, which are considered derivatives under ASC Topic 815, *Derivative and Hedging*, are agreements between two parties to buy or sell a security at a set price on a future date and are standardized and exchange-traded. Upon entering into such a contract on behalf of the Pension Plans, the investment managers are required to pledge to the broker an amount of cash or securities equal to the minimum "initial margin" requirements of the exchange on which the contract is traded. Pursuant to the contract, the investment managers agree to receive from or pay to the broker an amount of cash or securities equal to the daily fluctuation in the value of the contract. Such receipts or payments are known as variation margin and are recorded on a daily basis by the trustee as a realized gain or loss equal to the difference in the value of the contract between daily closing prices. Upon entering into such contracts, the MPT bears the risk of interest or exchange rates or securities prices moving unexpectedly, in which case the MPT may not achieve the anticipated benefits of the futures contracts and may realize a loss. With futures, there is minimal counterparty credit risk to the MPT because futures are exchange-traded and the exchange's clearinghouse, as counterparty to all exchange-traded futures, guarantees the futures against default.

The fair value of the open futures contracts disclosed below, includes cumulative appreciation/ (depreciation) of futures contracts, but only the current day's variation margin receivable or payable is reported separately in the net assets of the MPT and are included in the statements of net assets available for benefits to the extent of each plan's ownership in the MPT. Similarly, the gains and losses on open futures contracts are reflected in the net change in fair value of net assets for the MPT and are included within each plan's net investment gain (loss) from Plan's interest in the MPT.

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At December 31, 2018, open futures contracts held in the MPT were as follows:

Risk Type	Type of Contract	Number of Contracts	Expiration	Notional Value	Fair Value
		Buy/(Sell)			
Bond Index	US Long Bonds CBT Future	1,683	Mar-19	235,153	10,565
Bond Index	Euro Bond Future	36	Mar-19	5,179	60
Bond Index	Euro Bond Future	(23)	Mar-19	(4,272)	(11)
Bond Index	Japanese 10 Yr Bond	(16)	Mar-19	(21,455)	(70)
Bond Index	US Ultra Bond CBT Future	12,713	Mar-19	1,939,414	103,009
Bond Index	US Ultra Bond CBT Future	(603)	Mar-19	(92,773)	(4,103)
Bond Index	US Long Bonds CBT Future	(3,223)	Mar-19	(450,600)	(19,958)
Bond Index	U.S. 10-Year Ultra Future	867	Mar-19	110,839	1,939
Bond Index	U.S. 10-Year Ultra Future	(156)	Mar-19	(19,701)	(591)
Bond Index	2-Year Notes CBT Future	5,989	Mar-19	1,264,265	7,275
Bond Index	2-Year Notes CBT Future	(3,136)	Mar-19	(661,342)	(4,470)
Bond Index	5-Year Notes CBT Future	1,774	Mar-19	201,709	1,746
Bond Index	5-Year Notes CBT Future	(9,385)	Mar-19	(1,061,407)	(14,935)
Bond Index	10-Year Notes CBT Future	14	Mar-19	1,695	13
Bond Index	10-Year Notes CBT Future	(2,985)	Mar-19	(357,396)	(6,820)
Bond Index	Canadian 10-Year Bond Future	(56)	Mar-19	(5,581)	(184)
Bond Index	Euro BUXL 30 Yr Future	(23)	Mar-19	(4,608)	(96)
Bond Index	Euro BOBL Future	(110)	Mar-19	(16,464)	(41)
Equity Index	Russell 1000 Mini Future	218	Mar-19	15,438	(345)
Equity Index	Russell 2000 Mini Future	643	Mar-19	45,322	(1,952)
Equity Index	Mini MSCI EAFE Future	255	Mar-19	22,438	(559)
Equity Index	Mini MSCI Emerging Market	3,606	Mar-19	176,623	(2,308)
Equity Index	Taiwan Index Future	23	Jan-19	811	15
Equity Index	S&P 400 EMINI Future	383	Mar-19	66,809	(3,147)
Equity Index	S&P 500 EMINI Future	6,793	Mar-19	886,024	(35,116)
Equity Index	SGX CNX Nifty Future	39	Jan-19	838	14
Equity Index	SPI 200 Futures	339	Mar-19	33,864	(104)
Equity Index	FTSE 100 Index	934	Mar-19	79,314	(837)
Equity Index	S&P 60 IX Futures	350	Mar-19	45,845	(1,011)
Equity Index	Amsterdam Index Future	159	Jan-19	17,987	(367)
Equity Index	CAC 40 Index	1,042	Jan-19	56,771	(825)
Equity Index	DAX Index Future	141	Mar-19	43,291	(1,018)
Equity Index	Euro Stoxx 50	1,329	Mar-19	46,054	(1,236)
Equity Index	FTSE/MIB Future	117	Mar-19	12,421	(315)
Equity Index	IBEX 35 Index	164	Jan-19	16,243	(356)
Equity Index	Hang Seng Index	127	Jan-19	20,816	152
Equity Index	Topix Index	781	Mar-19	108,593	(5,467)
Equity Index	OMXS30 Ind Future	709	Jan-19	11,385	(358)
Interest Rate	Fed Fund 30 Day	121	Jan-19	49,226	(15)
Interest Rate	90 Day Eurodollar Future	336	Sep-20	82,060	(122)
Interest Rate	90 Day Eurodollar Future	(79)	Dec-19	(19,291)	64
Interest Rate	90 Day Eurodollar Future	808	Dec-19	195,921	726
Interest Rate	90 Day Eurodollar Future	221	Mar-20	53,598	240
	Total			<u>\$3,131,056</u>	<u>\$19,081¹</u>

(1) This amount is included within the Payable for securities purchased of the Net Assets of the MPT.

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At December 31, 2017, open futures contracts held in the MPT were as follows:

Risk Type	Type of Contract	Number of	Expiration	Notional Value	Fair Value
		Contracts Buy/(Sell)			
Bond Index	US Long Bonds CBT Future	1,309	Mar-18	200,562	(285)
Bond Index	Euro Bond Future	27	Mar-18	4,454	(99)
Bond Index	Euro Bond Future	(588)	Mar-18	(113,330)	788
Bond Index	Japanese 10 Yr Bond	(10)	Mar-18	(13,269)	7
Bond Index	US Ultra Bond CBT Future	9,056	Mar-18	1,506,042	12,253
Bond Index	US Long Bonds CBT Future	(2,190)	Mar-18	(335,308)	238
Bond Index	U.S. 10-Year Ultra Future	1,150	Mar-18	153,796	(199)
Bond Index	U.S. 10-Year CBT Future	(1,051)	Mar-18	(130,992)	619
Bond Index	2-Year Notes CBT Future	(2,326)	Mar-18	(499,070)	1,052
Bond Index	5-Year Notes CBT Future	659	Mar-18	76,925	(373)
Bond Index	5-Year Notes CBT Future	(1,875)	Mar-18	(218,737)	930
Bond Index	10-Year Notes CBT Future	1,911	Mar-18	237,977	(924)
Bond Index	10-Year Notes Ultra	(893)	Mar-18	(119,518)	246
Bond Index	2-Year Notes CBT Future	783	Mar-18	167,968	(320)
Bond Index	Euro BUXL 30 Yr Future	(11)	Mar-18	(2,181)	49
Equity Index	Russell 1000 Mini Future	309	Mar-18	22,719	181
Equity Index	Russell 2000 Mini Future	493	Mar-18	37,490	385
Equity Index	Mini MSCI EAFE Future	95	Mar-18	9,484	232
Equity Index	Mini MSCI Emerging Market	91	Mar-18	5,085	209
Equity Index	Taiwan Index Future	23	Jan-18	892	12
Equity Index	S&P 400 EMINI Future	179	Mar-18	33,897	156
Equity Index	S&P 500 EMINI Future	3,239	Mar-18	428,369	5,010
Equity Index	SGX CNX Nifty Future	39	Jan-18	822	2
Equity Index	SPI 200 Futures	21	Mar-18	2,417	3
Equity Index	FTSE 100 Index	28	Mar-18	2,773	94
Equity Index	S&P 60 IX Futures	24	Mar-18	3,567	9
Equity Index	CAC 40 Index	18	Jan-18	1,152	(23)
Equity Index	DAX Index Future	5	Mar-18	1,941	(44)
Equity Index	Euro Stoxx 50	23	Mar-18	978	(29)
Equity Index	FTSE/MIB Future	1	Mar-18	132	(3)
Equity Index	Future AEX Index	2	Jan-18	261	(4)
Equity Index	IBEX 35 Index	2	Jan-18	241	(5)
Equity Index	Hang Seng Index	2	Jan-18	380	4
Equity Index	Topix Index	1	Mar-18	159	2
Equity Index	OMXS30 Ind Future	12	Jan-18	230	(6)
Interest Rate	90 Day Eurodollar Future	885	Sep-20	216,139	(111)
Interest Rate	90 Day Eurodollar Future	1,073	Dec-18	262,498	(2)
Interest Rate	90 Day Eurodollar Future	(79)	Dec-19	(19,291)	1
Interest Rate	90 Day Eurodollar Future	(366)	Dec-18	(89,719)	182
	Total			<u>\$1,837,935</u>	<u>\$20,237¹</u>

(1) This amount is included within the Payable for securities purchased of the Net Assets of the MPT.

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AT&T Puerto Rico Pension Benefit Plan
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Option Contracts

The primary risk managed by the Pension Plans using option contracts is the price risk associated with investments. On behalf of the Pension Plans, investment managers for the MPT have purchased and written various option contracts, which are agreements between two parties giving the owner, under a purchased option, the right, but not the obligation, to buy or sell a specified item at a fixed price (exercise or strike) during a specified period, and under a written option the obligation to sell or buy a specified item at a fixed price. These option contracts are intended to economically hedge the MPT's investments in foreign and domestic securities. When the investment manager buys or writes an option contract, a nonrefundable fee (the premium) is paid or received by the MPT and is recorded as an asset or liability and is subsequently adjusted to the current market value of the option purchased or written. The premiums paid or received from buying or writing options are recorded as realized gains or losses when the options expire. The difference between the premium and the amount paid or received on effecting a closing purchase or sale transaction is also treated as a realized gain or loss. If an option is exercised, the premium paid or received is recorded as a realized gain or loss if sold or as an adjustment to the cost of the underlying security if acquired upon exercise.

The fair value of the written and purchased option contracts is disclosed below, and is separately listed in the net assets of the MPT and is included in the statements of net assets available for benefits to the extent of each plan's ownership in the MPT. Similarly, the gains and losses on written and purchased option contracts are reflected in the net change in fair value of net assets for the MPT and are included within each plan's net investment gain (loss) from Plan's interest in the MPT.

As of December 31, 2018, the MPT did not hold any written options.

As of December 31, 2017, the total number of written options held by the MPT was:

Risk Type	Type of Contract	Number of Contracts	Cost (Premium paid)	Notional Value	Fair Value
Interest Rate	US Dollar Options	(114)	\$ (26)	\$ 2,772	\$ (20)
Foreign Exchange	Foreign Exchange Option	(3,200,071)	(16)	(15,623)	(51)
Foreign Exchange	US Dollar Options	(10,888,000)	(77)	(480,350)	(51)
	Total	(14,088,185)	\$ (119)	\$ (493,201)	\$ (122)

As of December 31, 2018, the MPT did not hold any purchased options.

As of December 31, 2017, the total number of purchased options held by the MPT was:

Risk Type	Type of Contract	Number of Contracts	Cost (Premium received)	Notional Value	Fair Value
Interest Rate	US Dollar Options	24,800,000	\$ 457	\$ 2,976,000	\$ 306
Foreign Exchange	Foreign Exchange Option	(71)		11,467	24
	Total	24,799,929	\$ 457	\$ 2,987,467	\$ 330

AT&T Pension Benefit Plan
AT&T Puerto Rico Pension Benefit Plan
Notes to Financial Statements-Continued
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Foreign Currency Contracts

The primary risk managed by the Pension Plans using foreign currency forward contracts is the foreign currency exchange rate risk associated with the Pension Plans' investments denominated in foreign currencies. On behalf of the Pension Plans, investment managers for the MPT entered into forward foreign currency contracts, which are agreements to exchange foreign currencies at a specified future date at a specified rate, the terms of which are not standardized on an exchange. These contracts are intended to minimize the impact of currency fluctuations on the performance of investments denominated in foreign currencies. All of the MPT's contracts address the currency risk of the U.S. dollar versus foreign currencies. Risk arises both from the possible inability of the counterparties to meet the terms of the contracts (credit risk) and from the movements in foreign currency exchange rates (market risk). Forward contracts are entered into only with major banks to minimize counterparty default risk. The contracts are recorded at fair value on the date the contract is entered into, which is typically zero.

The fair value presented in the table below is included in the net assets of the MPT as unrealized appreciation on foreign currency contracts (asset) for 2018, foreign currency contracts (asset) for 2017 and unrealized depreciation on foreign currency contracts (liability). The gains and losses on foreign currency contracts are reflected in the net change in fair value of net assets for the MPT and are included within each plan's net investment gain (loss) from Plan's interest in the MPT.

At December 31, 2018 and 2017, the foreign currency contracts held by the MPT were:

	Notional Value		Fair Value	
	2018	2017	2018	2017
Derivative assets	\$ 724,552	\$ 510,076	\$ 5,559	\$ 3,312
Derivative liabilities	\$ (724,552)	\$ (510,076)	\$ (5,832)	\$ (4,087)

Securities Lending

During 2018 and 2017, the MPT was authorized to engage in the lending of certain MPT assets. Securities lending is an investment management enhancement that utilizes the existing securities (domestic and international equities and fixed income investments) of the MPT to earn additional income. Securities lending involves the loaning of securities to a selected group of approved banks and broker-dealers. In return for the loaned securities, the trustee, prior to or simultaneous with delivery of the loaned securities to the borrower, receives collateral in the form of cash or U.S. Government securities as a safeguard against possible default of any borrower on the return of the loan. Each loan is initially collateralized, in the case of: (a) loaned securities denominated in U.S. dollars or whose primary trading market is located in the U.S. or sovereign debt issued by foreign governments to the extent of 102% of the market value of the loaned securities, or (b) loaned securities not denominated in U.S. dollars or whose primary trading market is not located in the U.S. to the extent of 105% of the market value of the loaned securities. The collateral is marked to market on a daily basis. In the event the counterparty is unable to meet its contractual obligation under the securities lending arrangement, the MPT may incur losses equal to the amount by which the market value of the securities differ from the amount of collateral held. The MPT mitigates credit risk associated with securities lending arrangements by monitoring the fair value of the securities loaned on a daily basis, with additional collateral obtained or refunded as necessary. None of the securities lending arrangements provide for offsetting.

The MPT classifies the loaned securities as investments because it maintains effective control over the transferred financial assets. Since the securities received as collateral may be repledged or sold, the MPT recognizes the amount of collateral received and a corresponding obligation to return such collateral on the statement of net assets available

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for benefits. Securities on loan and collateral held under this program at December 31, 2018 and 2017 are reported on the accompanying MPT statements of net assets available for benefits at December 31, 2018 and 2017. The fair value of securities on loan was \$1,392,698 and \$2,196,464 as of December 31, 2018 and 2017. The reported collateral includes non-cash holding of \$685,707 and \$695,542, and cash holding of \$743,863 and \$1,552,866 at December 31, 2018 and 2017, respectively. The amount of income earned for the years ended December 31, 2018 and 2017 was \$4,680 and \$4,274, respectively.

9. Related-Party Transactions

At December 31, 2018 and 2017, the MPT held \$45,990 and \$79,340 in AT&T common stock and \$94,259 and \$98,149 of bonds guaranteed by AT&T. At December 31, 2018 and 2017, the MPT held \$8,748,800 and \$9,155,200 in Preferred Interests. Certain Private Equity, Fixed Income and Real Asset investments of the MPT are managed by JP Morgan Investment Management Inc., an affiliate of the trustee. These investments qualify as party-in-interest transactions, which are exempt from the prohibited transactions rules of ERISA.

10. Subsequent Events

Management evaluated subsequent events for the Pension Plans through September 26, 2019, the date the financial statements were available to be issued.

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AT&T Pension Benefit Plan

2018 Schedule SB, Line 26 — Schedule of Active Participant Data

The following pages show the schedule of active participant data used in the 2018 plan year valuation. In any age/service bin that contains 20 or more participants, the average compensation and/or average cash balance account are shown.

**AT&T Pension Benefit Plan
Total**

Age on valuation		Years of completed service									
		0-1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
0-24	Count	2,771	3,906	98	--	--	--	--	--	--	--
	Average Pay	\$31,166	\$47,616	\$54,495	--	--	--	--	--	--	--
25-29	Count	2,409	12,169	3,314	215	--	--	--	--	--	--
	Average Pay	\$36,962	\$54,981	\$63,436	\$63,191	--	--	--	--	--	--
30-34	Count	1,289	9,546	7,428	2,796	55	--	--	--	--	--
	Average Pay	\$40,262	\$59,134	\$68,414	\$70,727	\$71,813	--	--	--	--	--
35-39	Count	750	6,139	6,083	5,056	4,819	186	--	--	--	--
	Average Pay	\$42,655	\$64,134	\$75,086	\$78,602	\$86,353	\$85,753	--	--	--	--
40-44	Count	454	4,027	4,516	4,327	12,063	3,520	79	--	--	--
	Average Pay	\$44,604	\$70,245	\$84,826	\$91,538	\$93,649	\$95,291	\$90,826	--	--	--
45-49	Count	294	2,759	3,499	3,543	11,659	6,535	2,214	134	--	--
	Average Pay	\$48,989	\$75,949	\$89,992	\$100,518	\$99,089	\$106,111	\$101,336	\$98,259	--	--
50-54	Count	158	1,567	2,297	2,508	8,058	5,110	3,655	2,033	200	--
	Average Pay	\$50,317	\$78,548	\$91,806	\$106,985	\$102,465	\$112,479	\$119,659	\$123,577	\$104,134	--
55-59	Count	96	1,004	1,506	1,781	6,101	3,354	2,161	2,902	4,747	308
	Average Pay	\$49,380	\$82,583	\$97,202	\$104,504	\$101,969	\$112,001	\$117,483	\$131,319	\$105,327	\$96,832
60-64	Count	44	471	775	991	3,206	1,681	917	1,229	3,546	2,063
	Average Pay	\$44,843	\$82,648	\$89,553	\$100,606	\$102,067	\$108,531	\$118,189	\$127,616	\$109,022	\$101,161
65-69	Count	12	108	223	289	758	401	187	255	537	1,379
	Average Pay	--	\$100,150	\$99,310	\$94,056	\$102,783	\$105,804	\$112,877	\$133,909	\$107,763	\$102,339
70+	Count	2	18	43	63	118	79	28	31	56	294
	Average Pay	--	--	\$97,311	\$94,224	\$96,405	\$102,051	\$107,692	\$104,638	\$116,221	\$100,729

AT&T Pension Benefit Plan
Active participants with account-based benefits

Age on valuation		Years of completed service									
		0-1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
0-24	Count	33	3,389	98	--	--	--	--	--	--	--
	Average Cash Balance	\$519	\$1,350	\$3,833	--	--	--	--	--	--	--
25-29	Count	101	11,378	3,308	209	--	--	--	--	--	--
	Average Cash Balance	\$777	\$2,152	\$6,776	\$16,309	--	--	--	--	--	--
30-34	Count	84	9,076	7,386	2,615	28	--	--	--	--	--
	Average Cash Balance	\$2,416	\$3,136	\$10,125	\$21,744	\$31,443	--	--	--	--	--
35-39	Count	49	5,853	6,051	4,505	2,604	62	--	--	--	--
	Average Cash Balance	\$4,353	\$4,211	\$12,939	\$27,818	\$53,350	\$56,519	--	--	--	--
40-44	Count	39	3,855	4,495	3,888	7,526	1,716	38	--	--	--
	Average Cash Balance	\$6,128	\$5,866	\$16,123	\$35,224	\$61,463	\$68,730	\$87,255	--	--	--
45-49	Count	26	2,662	3,475	3,219	7,688	4,038	1,315	92	--	--
	Average Cash Balance	\$12,954	\$7,603	\$18,853	\$42,239	\$70,798	\$85,902	\$111,677	\$125,886	--	--
50-54	Count	19	1,535	2,284	2,297	5,270	3,417	2,691	1,676	129	--
	Average Cash Balance	--	\$9,516	\$21,797	\$49,448	\$83,675	\$105,113	\$155,229	\$204,795	\$183,036	--
55-59	Count	20	979	1,494	1,644	4,076	2,288	1,597	2,502	3,292	217
	Average Cash Balance	\$15,921	\$14,083	\$25,494	\$52,693	\$91,362	\$115,974	\$178,043	\$258,089	\$224,893	\$219,293
60-64	Count	7	460	764	888	2,183	1,186	725	1,084	2,585	1,527
	Average Cash Balance	--	\$11,903	\$24,024	\$54,203	\$104,290	\$122,855	\$195,827	\$280,911	\$278,017	\$279,991
65-69	Count	3	105	222	258	574	293	155	231	391	1,090
	Average Cash Balance	--	\$13,320	\$27,397	\$53,362	\$109,698	\$138,265	\$194,347	\$320,640	\$281,016	\$323,485
70+	Count	--	18	42	57	98	58	23	29	44	224
	Average Cash Balance	--	--	\$30,404	\$63,030	\$99,231	\$125,487	\$158,330	\$238,077	\$331,175	\$386,100

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AT&T Pension Benefit Plan
2018 Schedule SB, Part V — Statement of Actuarial Assumptions/Methods

Description of Actuarial Assumptions

The following pages fully describe the actuarial assumptions used to calculate the amounts shown in the Schedule SB.

Summary of Actuarial Assumptions

	2018	2017
The interest rates for minimum funding are based on the IRS 24-month average segment rates with September look-back, each adjusted as needed to fall within the 25-year average interest rate corridor under HATFA interest rate stabilization.		
Effective interest rates for minimum funding		
AT&T PBP	5.69%	5.87%
Segment rates for minimum funding		
1st segment rate (years 0 to 4)	3.92%	4.16%
2nd segment rate (years 5 to 19)	5.52%	5.72%
3rd segment rate (years 20 and after)	6.29%	6.48%
The segment rates used for purposes other than minimum funding are based on the IRS 24-month average segment rates with September look-back, without regard to interest rate stabilization under HATFA.		
Effective interest rates for purposes other than minimum funding		
AT&T PBP	4.03%	4.08%
Segment rates for purposes other than minimum funding		
1st segment rate (years 0 to 4)	1.75%	1.52%
2nd segment rate (years 5 to 19)	3.76%	3.80%
3rd segment rate (years 20 and after)	4.66%	4.79%

Summary of Actuarial Assumptions (continued)

	2018	2017
Interest rate assumptions subject to the 30-year Treasury rate are based on the rate in effect for the month of November prior to the valuation date.		
30-year Treasury lump sum conversion rate	2.80%	2.86%
Cash balance crediting rate subject to 30-year Treasury rate		
Legacy AT&T CWA Contract	3.75%	3.75%
East	4.00%	4.00%
Southeast Management	3.79%	3.79%
All others	2.80%	2.86%
Cost of living adjustment (COLA)¹, if applicable	2.30%	2.10%
DIRECTV actuarial equivalence rate subject to PBGC interest rate	2.50%	2.50%

¹ The COLA assumption is based on the inflation assumption in the 4th Quarter Aon Hewitt Capital Market Assumptions prior to the valuation date.

Summary of Actuarial Assumptions (continued)

Expected rate of salary increase

Assumed rates of salary increase vary by age or service and bargained/nonbargained status. Specific rates can be found in Exhibits A-1 and A-2.

Retirement rates

Retirement rates are assumed to follow age and service graded tables and vary by bargained/nonbargained status and by gender. Specific rates can be found in Exhibits B-1 through B-2.

Withdrawal rates

Withdrawal rates are assumed to follow age and service graded tables and vary by bargained/nonbargained status and by gender. Specific rates can be found in Exhibits C-1 through C-2.

Disability rates

Disability rates are assumed to follow age and service graded tables and vary by bargained/nonbargained status and by gender. Specific rates can be found in Exhibits D-1 through D-4.

Decrements

Decrements are assumed to be mid-year.

Mortality

The mortality table, in accordance with Treasury regulations 1.430(h)(3), is the prescribed 2018 static mortality table, with separate rates for annuitants and non-annuitants. Additionally, the disability mortality tables set forth in IRS Revenue Ruling 96-7 are used for disabled participants in the Southeast programs that currently are receiving a Social Security Disability benefit or previously received a Social Security Disability benefit immediately prior to normal retirement age. See Exhibits E-1 and E-2 for specific rates. 70% of future disabled retirees are assumed to receive Social Security Disability benefits. For future disableds, these tables are not used for the Southeast Management program due to the disability benefit being eliminated as of January 1, 2013.

Summary of Actuarial Assumptions (continued)

Expected rate of return on plan assets

The expected rate of return on assets for purposes of determining the Value of Plan Assets is assumed to be 7.00%, which reflects arithmetic returns for a one-year period. The third segment rate limitation is 6.65% for 2016 and 6.48% for 2017.

Expenses included in target normal cost

The expenses included in the target normal cost are based on the expected administration expenses and PBGC premiums for 2018.

Form of payment election

Form of payment elections are assumed to vary by program. Specific rates can be found in Exhibits F-1 and F-2.

Percent married

Active participants: For AT&T, 80% of males and 55% of females are assumed to be married. For DIRECTV, 60% of all active participants are assumed to be married.

Retirees: Specific rates can be found in Exhibit G-1.

Spouse age

Actual if available, else husband is 3 years older than wife.

Current year valuation earnings

For Bargained employees: Pension Compensation for the prior year, net of commissions and Success Sharing Plan (SSP) payments, increased for one year by the salary scale, plus prior year commissions increased for one year by 2.50%, plus Projected SSP Payments. Projected SSP Payments are the 3-year average of SSP payments based on the movement in the AT&T stock price, for contracts that received SSP payments.

For Management employees: Pension Compensation for the prior year, net of commissions and bonus payments, increased for one year by the salary scale, plus Target Commissions, plus Target Bonus.

Maximum earnings

For 2018: \$275,000.

Maximum benefit

The maximum benefit payable under IRC Section 415 at Normal Retirement Age.

Exhibit A-1

**Annual Rates of Salary Increase
Bargained Employees**

Years of service	Annual increase
0 - 1	10.00%
1 - 2	10.00
2 - 3	10.00
3 - 4	10.00
4 - 5	10.00
5 & over	2.50

Exhibit A-2

**Annual Rates of Salary Increase
Nonbargained Employees**

Age	Annual increase	Age	Annual increase	Age	Annual increase
15	14.00%	35	4.40%	55	2.81%
16	14.00	36	4.20	56	2.78
17	14.00	37	4.00	57	2.75
18	13.40	38	3.90	58	2.72
19	12.80	39	3.80	59	2.69
20	12.20	40	3.70	60	2.66
21	11.60	41	3.60	61	2.63
22	11.00	42	3.50	62	2.60
23	10.40	43	3.40	63	2.60
24	9.80	44	3.30	64	2.60
25	9.20	45	3.20	65	2.60
26	8.60	46	3.10	66	2.60
27	8.00	47	3.00	67	2.60
28	7.40	48	2.98	68	2.60
29	6.80	49	2.96	69	2.60
30	6.20	50	2.94	70 & over	2.60
31	5.60	51	2.92		
32	5.00	52	2.90		
33	4.80	53	2.87		
34	4.60	54	2.84		

Exhibit B-1

**Annual Rates of Retirement
Bargained Male Employees**

Age	Male							
	Years of service							
	10	11-19	20	21-24	25	26-29	30	> 30
45	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.075	0.075
46	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.075	0.075
47	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.075	0.065
48	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.075	0.065
49	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.075	0.065
50	n.a.	n.a.	n.a.	n.a.	0.040	0.040	0.075	0.065
51	n.a.	n.a.	n.a.	n.a.	0.050	0.045	0.075	0.065
52	n.a.	n.a.	n.a.	n.a.	0.050	0.045	0.075	0.065
53	n.a.	n.a.	n.a.	n.a.	0.050	0.045	0.075	0.065
54	n.a.	n.a.	n.a.	n.a.	0.050	0.045	0.075	0.065
55	n.a.	n.a.	0.100	0.100	0.100	0.090	0.125	0.075
56	n.a.	n.a.	0.150	0.050	0.065	0.065	0.100	0.080
57	n.a.	n.a.	0.150	0.050	0.065	0.065	0.100	0.080
58	n.a.	n.a.	0.150	0.050	0.065	0.065	0.115	0.115
59	n.a.	n.a.	0.150	0.050	0.100	0.100	0.115	0.115
60	n.a.	n.a.	0.175	0.100	0.140	0.110	0.185	0.155
61	n.a.	n.a.	0.175	0.100	0.140	0.110	0.185	0.185
62	n.a.	n.a.	0.225	0.200	0.125	0.125	0.220	0.220
63	n.a.	n.a.	0.275	0.175	0.175	0.160	0.220	0.180
64	n.a.	n.a.	0.275	0.175	0.175	0.160	0.220	0.180
65	0.300	0.300	0.300	0.300	0.325	0.325	0.250	0.250
66	0.300	0.300	0.300	0.300	0.300	0.250	0.300	0.250
67-69	0.300	0.250	0.250	0.250	0.300	0.250	0.300	0.250
70	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Employees must meet the Modified Rule of 75 to be eligible to retire
Based on AT&T experience 2013-2016

Exhibit B-1 (continued)

**Annual Rates of Retirement
Bargained Female Employees**

Age	Female							
	Years of service							
	10	11-19	20	21-24	25	26-29	30	> 30
45	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.140	0.140
46	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.140	0.140
47	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.140	0.085
48	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.140	0.085
49	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.140	0.085
50	n.a.	n.a.	n.a.	n.a.	0.090	0.090	0.140	0.085
51	n.a.	n.a.	n.a.	n.a.	0.090	0.075	0.140	0.085
52	n.a.	n.a.	n.a.	n.a.	0.155	0.085	0.140	0.085
53	n.a.	n.a.	n.a.	n.a.	0.155	0.085	0.140	0.085
54	n.a.	n.a.	n.a.	n.a.	0.155	0.085	0.140	0.085
55	n.a.	n.a.	0.200	0.200	0.160	0.115	0.140	0.105
56	n.a.	n.a.	0.200	0.115	0.125	0.125	0.140	0.115
57	n.a.	n.a.	0.200	0.115	0.125	0.125	0.140	0.115
58	n.a.	n.a.	0.200	0.115	0.125	0.125	0.160	0.130
59	n.a.	n.a.	0.200	0.115	0.125	0.160	0.160	0.130
60	n.a.	n.a.	0.300	0.200	0.150	0.150	0.170	0.160
61	n.a.	n.a.	0.300	0.200	0.150	0.150	0.180	0.170
62	n.a.	n.a.	0.350	0.225	0.350	0.300	0.300	0.225
63	n.a.	n.a.	0.280	0.215	0.200	0.200	0.300	0.200
64	n.a.	n.a.	0.280	0.215	0.200	0.200	0.300	0.200
65	0.375	0.375	0.375	0.350	0.350	0.350	0.300	0.250
66	0.350	0.350	0.350	0.300	0.250	0.250	0.300	0.250
67-69	0.250	0.250	0.300	0.300	0.250	0.250	0.300	0.250
70	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Employees must meet the Modified Rule of 75 to be eligible to retire
Based on AT&T experience 2013-2016

Exhibit B-2

**Annual Rates of Retirement
Nonbargained Male Employees**

Age	Male							
	Years of service							
	10	11-19	20	21-24	25	26-29	30	> 30
45	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.065	0.065
46	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.065	0.065
47	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.065	0.065
48	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.065	0.065
49	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.065	0.065
50	n.a.	n.a.	n.a.	n.a.	0.030	0.030	0.070	0.070
51	n.a.	n.a.	n.a.	n.a.	0.045	0.040	0.085	0.085
52	n.a.	n.a.	n.a.	n.a.	0.045	0.040	0.085	0.085
53	n.a.	n.a.	n.a.	n.a.	0.065	0.050	0.090	0.090
54	n.a.	n.a.	n.a.	n.a.	0.065	0.050	0.090	0.090
55	n.a.	n.a.	0.070	0.070	0.070	0.070	0.105	0.105
56	n.a.	n.a.	0.070	0.070	0.075	0.090	0.110	0.110
57	n.a.	n.a.	0.075	0.070	0.075	0.090	0.125	0.125
58	n.a.	n.a.	0.085	0.075	0.075	0.090	0.130	0.130
59	n.a.	n.a.	0.120	0.110	0.120	0.120	0.155	0.155
60	n.a.	n.a.	0.140	0.115	0.150	0.150	0.160	0.160
61	n.a.	n.a.	0.140	0.115	0.150	0.150	0.190	0.190
62	n.a.	n.a.	0.175	0.150	0.175	0.175	0.210	0.210
63	n.a.	n.a.	0.200	0.150	0.200	0.200	0.210	0.210
64	n.a.	n.a.	0.200	0.150	0.200	0.200	0.240	0.240
65	0.275	0.275	0.325	0.300	0.300	0.300	0.350	0.300
66	0.275	0.250	0.325	0.300	0.300	0.250	0.275	0.275
67-69	0.275	0.250	0.325	0.250	0.300	0.250	0.275	0.275
70	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Employees must meet the Modified Rule of 75 to be eligible to retire
Based on AT&T experience 2013-2016

Exhibit B-2 (continued)

**Annual Rates of Retirement
Nonbargained Female Employees**

Age	Female							
	Years of service							
	10	11-19	20	21-24	25	26-29	30	> 30
45	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.060	0.060
46	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.060	0.060
47	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.060	0.060
48	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.060	0.060
49	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.060	0.060
50	n.a.	n.a.	n.a.	n.a.	0.045	0.045	0.070	0.080
51	n.a.	n.a.	n.a.	n.a.	0.065	0.065	0.090	0.090
52	n.a.	n.a.	n.a.	n.a.	0.065	0.065	0.090	0.090
53	n.a.	n.a.	n.a.	n.a.	0.075	0.065	0.110	0.110
54	n.a.	n.a.	n.a.	n.a.	0.075	0.065	0.110	0.110
55	n.a.	n.a.	0.090	0.090	0.100	0.100	0.140	0.140
56	n.a.	n.a.	0.100	0.085	0.105	0.105	0.140	0.140
57	n.a.	n.a.	0.100	0.085	0.105	0.105	0.140	0.140
58	n.a.	n.a.	0.110	0.110	0.105	0.105	0.160	0.160
59	n.a.	n.a.	0.110	0.110	0.125	0.125	0.190	0.190
60	n.a.	n.a.	0.165	0.165	0.150	0.150	0.190	0.190
61	n.a.	n.a.	0.165	0.165	0.150	0.150	0.220	0.220
62	n.a.	n.a.	0.265	0.250	0.250	0.150	0.250	0.250
63	n.a.	n.a.	0.225	0.225	0.200	0.200	0.250	0.250
64	n.a.	n.a.	0.225	0.225	0.200	0.200	0.250	0.250
65	0.280	0.280	0.300	0.300	0.375	0.350	0.300	0.300
66	0.280	0.275	0.325	0.325	0.375	0.275	0.300	0.300
67-69	0.280	0.275	0.325	0.350	0.375	0.275	0.300	0.275
70	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Note: Employees must meet the Modified Rule of 75 to be eligible to retire
Based on AT&T experience 2013-2016

Exhibit C-1

**Annual Rates of Withdrawal
Bargained Employees**

Age	Male									
	Years of service									
	0	1	2	3	4	5	6	7	8	9+
15-19	0.300	0.250	0.210	0.190	0.170	0.170	0.150	0.130	0.130	0.120
20-24	0.300	0.250	0.210	0.190	0.170	0.170	0.150	0.130	0.130	0.120
25-29	0.300	0.250	0.210	0.190	0.170	0.170	0.150	0.130	0.130	0.090
30-34	0.270	0.210	0.150	0.135	0.130	0.110	0.110	0.090	0.085	0.065
35-39	0.270	0.210	0.150	0.135	0.130	0.110	0.110	0.090	0.085	0.035
40-44	0.270	0.210	0.150	0.135	0.130	0.110	0.110	0.090	0.085	0.025
45-49	0.270	0.210	0.150	0.135	0.130	0.110	0.110	0.090	0.085	0.025
50-54	0.270	0.210	0.150	0.135	0.130	0.110	0.110	0.090	0.085	0.030
55-59	0.300	0.260	0.200	0.180	0.140	0.140	0.130	0.120	0.120	0.045
60+	0.300	0.260	0.200	0.180	0.140	0.140	0.130	0.120	0.120	0.060

Age	Female									
	Years of service									
	0	1	2	3	4	5	6	7	8	9+
15-19	0.380	0.330	0.290	0.260	0.220	0.210	0.200	0.180	0.150	0.140
20-24	0.380	0.330	0.290	0.260	0.220	0.210	0.200	0.180	0.150	0.140
25-29	0.380	0.330	0.290	0.260	0.220	0.210	0.200	0.180	0.150	0.140
30-34	0.380	0.310	0.230	0.210	0.190	0.170	0.160	0.160	0.135	0.120
35-39	0.380	0.310	0.230	0.210	0.190	0.170	0.160	0.160	0.135	0.095
40-44	0.380	0.310	0.230	0.210	0.190	0.170	0.160	0.160	0.135	0.075
45-49	0.380	0.310	0.230	0.210	0.190	0.170	0.160	0.160	0.135	0.065
50-54	0.380	0.310	0.230	0.210	0.190	0.170	0.160	0.160	0.135	0.070
55-59	0.360	0.280	0.180	0.180	0.160	0.160	0.160	0.160	0.160	0.090
60+	0.360	0.280	0.180	0.180	0.160	0.160	0.160	0.160	0.160	0.120

Note: Based on AT&T experience 2013-2016

Exhibit C-2

**Annual Rates of Withdrawal
Nonbargained Employees**

Age	Male									
	Years of service									
	0	1	2	3	4	5	6	7	8	9+
15-19	0.180	0.160	0.140	0.130	0.130	0.130	0.110	0.110	0.100	0.120
20-24	0.180	0.160	0.140	0.130	0.130	0.130	0.110	0.110	0.100	0.120
25-29	0.180	0.160	0.140	0.130	0.130	0.130	0.110	0.110	0.100	0.090
30-34	0.180	0.160	0.140	0.130	0.130	0.130	0.110	0.110	0.100	0.065
35-39	0.120	0.120	0.100	0.100	0.100	0.090	0.090	0.090	0.090	0.050
40-44	0.120	0.120	0.100	0.100	0.100	0.090	0.090	0.090	0.090	0.035
45-49	0.120	0.120	0.100	0.100	0.100	0.090	0.090	0.090	0.090	0.035
50-54	0.120	0.120	0.100	0.100	0.100	0.090	0.090	0.090	0.090	0.035
55-59	0.110	0.110	0.110	0.110	0.110	0.110	0.090	0.090	0.090	0.045
60+	0.110	0.110	0.110	0.110	0.110	0.110	0.090	0.090	0.090	0.085

Age	Female									
	Years of service									
	0	1	2	3	4	5	6	7	8	9+
15-19	0.190	0.180	0.180	0.140	0.140	0.120	0.110	0.110	0.110	0.110
20-24	0.190	0.180	0.180	0.140	0.140	0.120	0.110	0.110	0.110	0.110
25-29	0.190	0.180	0.180	0.140	0.140	0.120	0.110	0.110	0.110	0.085
30-34	0.190	0.180	0.180	0.140	0.140	0.120	0.110	0.110	0.110	0.065
35-39	0.120	0.110	0.110	0.100	0.100	0.100	0.080	0.080	0.080	0.050
40-44	0.120	0.110	0.110	0.100	0.100	0.100	0.080	0.080	0.080	0.045
45-49	0.120	0.110	0.110	0.100	0.100	0.100	0.080	0.080	0.080	0.040
50-54	0.120	0.110	0.110	0.100	0.100	0.100	0.080	0.080	0.080	0.040
55-59	0.120	0.110	0.110	0.110	0.110	0.110	0.100	0.100	0.090	0.060
60+	0.120	0.110	0.110	0.110	0.110	0.110	0.100	0.100	0.090	0.085

Note: Based on AT&T experience 2013-2016

Exhibit D-1

**Annual Rates of Disability
Bargained Employees (Except AT&T Mobility)**

Age	Male	Female	Age	Male	Female
29 & under	0.0007	0.0014	50	0.0019	0.0030
30	0.0007	0.0016	51	0.0021	0.0032
31	0.0007	0.0016	52	0.0022	0.0033
32	0.0007	0.0016	53	0.0024	0.0035
33	0.0007	0.0016	54	0.0025	0.0037
34	0.0007	0.0016	55	0.0027	0.0037
35	0.0007	0.0017	56	0.0031	0.0041
36	0.0007	0.0017	57	0.0034	0.0044
37	0.0007	0.0018	58	0.0040	0.0049
38	0.0007	0.0018	59	0.0046	0.0053
39	0.0008	0.0019	60	0.0058	0.0059
40	0.0008	0.0021	61	0.0067	0.0065
41	0.0009	0.0022	62	0.0081	0.0073
42	0.0010	0.0024	63	0.0101	0.0086
43	0.0011	0.0025	64	0.0119	0.0097
44	0.0012	0.0027	65 & over	0.0121	0.0097
45	0.0013	0.0029			
46	0.0015	0.0031			
47	0.0016	0.0034			
48	0.0017	0.0035			
49	0.0019	0.0036			

Exhibit D-2

**Annual Rates of Disability
Nonbargained Employees (Except AT&T Mobility)**

Age	Male	Female	Age	Male	Female
29 & under	0.0004	0.0006	50	0.0015	0.0023
30	0.0004	0.0007	51	0.0016	0.0025
31	0.0004	0.0008	52	0.0018	0.0026
32	0.0004	0.0008	53	0.0020	0.0027
33	0.0004	0.0008	54	0.0022	0.0029
34	0.0004	0.0009	55	0.0023	0.0030
35	0.0004	0.0009	56	0.0026	0.0032
36	0.0004	0.0009	57	0.0030	0.0036
37	0.0004	0.0010	58	0.0037	0.0039
38	0.0004	0.0011	59	0.0044	0.0043
39	0.0004	0.0012	60	0.0054	0.0048
40	0.0005	0.0013	61	0.0067	0.0052
41	0.0005	0.0014	62	0.0085	0.0061
42	0.0006	0.0016	63	0.0106	0.0076
43	0.0007	0.0018	64	0.0114	0.0080
44	0.0008	0.0019	65 & over	0.0114	0.0080
45	0.0009	0.0021			
46	0.0011	0.0024			
47	0.0012	0.0025			
48	0.0014	0.0025			
49	0.0015	0.0026			

Exhibit D-3

**Annual Rates of Disability
AT&T Mobility Bargained Employees**

Age	Male	Female	Age	Male	Female
30 & under	0.0003	0.0003	50	0.0014	0.0014
31	0.0003	0.0003	51	0.0015	0.0015
32	0.0003	0.0003	52	0.0016	0.0016
33	0.0003	0.0003	53	0.0017	0.0017
34	0.0003	0.0003	54	0.0018	0.0018
35	0.0004	0.0004	55	0.0020	0.0019
36	0.0004	0.0004	56	0.0022	0.0021
37	0.0005	0.0004	57	0.0023	0.0022
38	0.0005	0.0004	58	0.0025	0.0023
39	0.0006	0.0005	59	0.0027	0.0025
40	0.0007	0.0005	60	0.0030	0.0026
41	0.0007	0.0006	61	0.0032	0.0029
42	0.0008	0.0007	62	0.0034	0.0030
43	0.0008	0.0008	63	0.0036	0.0032
44	0.0010	0.0008	64	0.0038	0.0034
45	0.0010	0.0009	65 & over	0.0000	0.0000
46	0.0011	0.0010			
47	0.0012	0.0011			
48	0.0012	0.0012			
49	0.0013	0.0013			

Exhibit D-4

**Annual Rates of Disability
AT&T Mobility Nonbargained Employees**

Age	Male	Female
All	0.00051	0.00103

Exhibit E-1

**Annual Rates of Disabled Mortality
AT&T Southeast Participants (Disabled Prior to January 1, 1995)**

Age	Male	Female	Age	Male	Female	Age	Male	Female
45	0.019251	0.014417	70	0.057612	0.033123	95	0.234086	0.184537
46	0.020025	0.014800	71	0.061019	0.034916	96	0.248436	0.201757
47	0.020846	0.015197	72	0.064679	0.036986	97	0.263954	0.222043
48	0.021716	0.015611	73	0.068604	0.039352	98	0.280803	0.243899
49	0.022639	0.016043	74	0.072881	0.042033	99	0.299154	0.268185
50	0.023624	0.016495	75	0.076965	0.044540	100	0.319185	0.295187
51	0.024617	0.016970	76	0.081027	0.047104	101	0.341086	0.325225
52	0.025865	0.017470	77	0.085222	0.049840	102	0.365052	0.358897
53	0.027076	0.017997	78	0.089592	0.052794	103	0.393102	0.395842
54	0.028263	0.018553	79	0.094182	0.056017	104	0.427255	0.438360
55	0.029451	0.019140	80	0.099034	0.059556	105	0.469531	0.487816
56	0.030667	0.019761	81	0.104194	0.063460	106	0.521945	0.545886
57	0.031937	0.020417	82	0.109705	0.067777	107	0.586518	0.614309
58	0.033281	0.021111	83	0.115609	0.072556	108	0.665268	0.694884
59	0.034700	0.021845	84	0.121952	0.077845	109	0.760215	0.789474
60	0.036185	0.022621	85	0.128777	0.083693	110	1.000000	1.000000
61	0.037729	0.023441	86	0.136128	0.090148			
62	0.039325	0.024307	87	0.144048	0.097260			
63	0.040976	0.025222	88	0.152581	0.105075			
64	0.042720	0.026187	89	0.161771	0.113643			
65	0.044607	0.027205	90	0.171662	0.123012			
66	0.046684	0.028278	91	0.182297	0.133216			
67	0.049000	0.029408	92	0.193720	0.143634			
68	0.051594	0.030598	93	0.205975	0.155581			
69	0.054468	0.031848	94	0.219106	0.169181			

Source: Revenue Ruling 96-7

Exhibit E-2

**Annual Rates of Disabled Mortality
AT&T Southeast Participants (Disabled After December 31, 1994)**

Age	Male	Female	Age	Male	Female	Age	Male	Female
45	0.043033	0.023988	70	0.073284	0.051331	95	0.234086	0.217045
46	0.044007	0.024734	71	0.075979	0.053268	96	0.248436	0.232467
47	0.044993	0.025504	72	0.078903	0.055356	97	0.263954	0.248870
48	0.045989	0.026298	73	0.082070	0.057573	98	0.280803	0.266289
49	0.046993	0.027117	74	0.085606	0.059979	99	0.299154	0.284758
50	0.048004	0.027961	75	0.088918	0.062574	100	0.319185	0.303433
51	0.049021	0.028832	76	0.092208	0.065480	101	0.341086	0.327385
52	0.050042	0.029730	77	0.095625	0.068690	102	0.365052	0.359020
53	0.051067	0.030655	78	0.099216	0.072237	103	0.393102	0.395842
54	0.052093	0.031609	79	0.103030	0.076156	104	0.427255	0.438360
55	0.053120	0.032594	80	0.107113	0.080480	105	0.469531	0.487816
56	0.054144	0.033608	81	0.111515	0.085243	106	0.521945	0.545886
57	0.055089	0.034655	82	0.116283	0.090480	107	0.586518	0.614309
58	0.056068	0.035733	83	0.121464	0.096224	108	0.665268	0.694884
59	0.057080	0.036846	84	0.127108	0.102508	109	0.760215	0.789474
60	0.058118	0.037993	85	0.133262	0.109368	110	1.000000	1.000000
61	0.059172	0.039176	86	0.139974	0.116837			
62	0.060232	0.040395	87	0.147292	0.124948			
63	0.061303	0.041653	88	0.155265	0.133736			
64	0.062429	0.042950	89	0.163939	0.143234			
65	0.063669	0.044287	90	0.173363	0.153477			
66	0.065082	0.045666	91	0.183585	0.164498			
67	0.066724	0.046828	92	0.194653	0.176332			
68	0.068642	0.048070	93	0.206615	0.189011			
69	0.070834	0.049854	94	0.219519	0.202571			

Source: Revenue Ruling 96-7

Exhibit F-1

**Form of Payment
Retirements and Terminations from Active Status**

AT&T PBP				
Retirements - Modified Rule of 75 reached				
	<u>Immediate commencement</u>		<u>Commencement at age 65</u>	
	<u>Lump Sum</u>	<u>Annuity</u>	<u>Lump Sum</u>	<u>Annuity</u>
Bargained Retirements				
Midwest	90%	10%	0%	0%
West	90%	10%	0%	0%
Southwest	90%	10%	0%	0%
East	50%	50%	0%	0%
Mobility (Non-District 6)	100%	0%	0%	0%
Mobility Bargained (District 6)	90%	10%	0%	0%
Southeast	90%	10%	0%	0%
AT&T Legacy Bargained				
Under age 55	15%	85%	0%	0%
Age 55 and over	30%	70%	0%	0%
BCB	100%	0%	0%	0%
BCB2	100%	0%	0%	0%
Management Retirements				
Nonbargained ¹	100%	0%	0%	0%
Mobility	100%	0%	0%	0%
Southeast Management	90%	10%	0%	0%
AT&T Legacy Management	50%	50%	0%	0%
MCB	100%	0%	0%	0%

¹Full lump sum payment option may not be available for all nonbargained participants

Additional note: Except for Mobility Bargained (District 6), AT&T Legacy Bargained, and AT&T Legacy Management; for married participants not electing a lump sum, it is assumed that 90% will elect the survivor option with their spouse as the designated beneficiary

Exhibit F-1 (continued)

Form of Payment
Retirements and Terminations from Active Status

AT&T PBP				
Terminations - Modified Rule of 75 not reached				
	<u>Immediate commencement</u>		<u>Commencement at age 65</u>	
Bargained Terminations	<u>Lump Sum</u>	<u>Annuity</u>	<u>Lump Sum</u>	<u>Annuity</u>
Midwest	60%	0%	40%	0%
West ¹	60%	0%	0%	40%
Southwest ²	0%	0%	0%	100%
East	100%	0%	0%	0%
Mobility (Non-District 6)	60%	0%	40%	0%
Mobility Bargained (District 6) ²	0%	0%	0%	100%
Southeast ³	60%	0%	40%	0%
AT&T Legacy Bargained	60%	0%	28%	12%
BCB	60%	0%	40%	0%
BCB2 ⁴	60%	0%	40%	0%
Management Terminations				
Nonbargained ³	50%	0%	50%	0%
Mobility	50%	0%	50%	0%
Southeast Management	50%	0%	50%	0%
AT&T Legacy Management ³	50%	0%	35%	15%
MCB	50%	0%	50%	0%

¹West participants cannot elect a lump sum outside of a 90 day window

²No lump sum payment option available

³Lump sum commencement assumption for lump sum eligible portion of benefit only

⁴Not all BCB2 participants eligible for lump sum payment option

Exhibit F-1 (continued)

**Form of Payment
Retirements and Terminations from Active Status**

DIRECTV Program Retirements				
DIRECTV Program Retirements	<u>Immediate commencement</u>		<u>Commencement at age 65</u>	
	<u>Lump Sum</u>	<u>Annuity</u>	<u>Lump Sum</u>	<u>Annuity</u>
Contributory participants ¹	0%	100%	0%	0%
Non-Contributory participants	75%	25%	0%	0%

DIRECTV Program Terminations				
DIRECTV Program Terminations	<u>Immediate commencement</u>		<u>Commencement at age 65</u>	
	<u>Lump Sum</u>	<u>Annuity</u>	<u>Lump Sum</u>	<u>Annuity</u>
Contributory participants ¹	0%	0%	0%	100%
Non-Contributory participants	95%	0%	0%	5%

¹30% elect a single life annuity, 70% elect a 5-year certain installment (participants, at a minimum, will receive a refund of their employee contributions)

Exhibit F-2

**Form of Payment
Terminated Vested Participants**

AT&T PBP				
	<u>Immediate commencement</u>		<u>Commencement at age 65</u>	
	<u>Lump Sum</u>	<u>Annuity</u>	<u>Lump Sum</u>	<u>Annuity</u>
Bargained Terminations				
Midwest	0%	0%	100%	0%
West	0%	0%	0%	100%
Southwest	0%	0%	0%	100%
East	0%	0%	70%	30%
Mobility (Non-District 6)	0%	0%	100%	0%
Mobility Bargained (District 6)	0%	0%	0%	100%
Southeast ¹	0%	0%	100%	0%
AT&T Legacy Bargained	0%	0%	70%	30%
BCB	0%	0%	100%	0%
BCB2 ²	0%	0%	100%	0%
Management Terminations				
Nonbargained ¹	0%	0%	100%	0%
Mobility	0%	0%	100%	0%
Southeast Management	0%	0%	100%	0%
AT&T Legacy Management ¹	0%	0%	70%	30%
MCB	0%	0%	100%	0%

¹Lump sum commencement assumption for lump sum eligible portion of benefit only

²Not all participants eligible for lump sum payment option

Exhibit F-2 (continued)

**Form of Payment
Terminated Vested Participants**

DIRECTV Program Terminations	DIRECTV Program			
	<u>Immediate commencement</u>		<u>Commencement at age 65</u>	
	<u>Lump Sum</u>	<u>Annuity</u>	<u>Lump Sum</u>	<u>Annuity</u>
Contributory participants ¹	0%	0%	0%	100%
Non-Contributory participants ²	95%	0%	0%	5%

¹30% elect a single life annuity, 70% elect a 5-year certain installment (participants, at a minimum, will receive a refund of their employee contributions)

²Participants are assumed to take a lump sum 4 years from their termination date, otherwise, commencement is assumed at age 65

Exhibit G-1

Married Percentage of Retired Participants

Age	Male	Female	Age	Male	Female	Age	Male	Female
50 & under	0.70	0.39	70	0.74	0.38	90	0.49	0.07
51	0.70	0.39	71	0.74	0.36	91	0.46	0.06
52	0.70	0.39	72	0.74	0.34	92	0.42	0.05
53	0.70	0.39	73	0.74	0.32	93	0.38	0.04
54	0.70	0.39	74	0.74	0.30	94	0.34	0.03
55	0.70	0.39	75	0.73	0.29	95	0.30	0.02
56	0.70	0.39	76	0.73	0.28	96	0.26	0.02
57	0.70	0.39	77	0.73	0.27	97	0.22	0.02
58	0.70	0.39	78	0.73	0.25	98	0.18	0.01
59	0.70	0.39	79	0.73	0.23	99	0.14	0.01
60	0.70	0.39	80	0.72	0.21	100	0.11	0.00
61	0.70	0.39	81	0.70	0.20	101	0.08	0.00
62	0.70	0.39	82	0.68	0.19	102	0.05	0.00
63	0.70	0.39	83	0.66	0.17	103	0.02	0.00
64	0.70	0.39	84	0.64	0.15	104	0.00	0.00
65	0.72	0.39	85	0.61	0.14	105 & over	0.00	0.00
66	0.72	0.39	86	0.59	0.12			
67	0.72	0.39	87	0.56	0.11			
68	0.72	0.39	88	0.54	0.09			
69	0.72	0.39	89	0.52	0.08			

Note: Based on plan experience from 2007 - 2014

Actuarial Methods

Actuarial methods

Valuation date

The valuation date is January 1, 2018.

Calculation of normal costs and liabilities

The method used to calculate the ERISA target normal cost and funding target is the unit credit cost method.

Under this method, benefits are estimated at each decrement age using service and earnings as of the valuation date. The present value of these estimated benefits using the applicable ERISA assumptions is the ERISA funding target. The target normal cost is the present value of the benefits earned during the year.

For calculating the actuarial present value of vested benefits, benefits at each decrement age are determined in the same manner, but are then multiplied by each participant's vesting percentage as of the valuation date. The present value of these estimated vested benefits is determined without recognition of any benefit for which a participant will become entitled only through the advancement in service or age while actively employed. In addition, the following ancillary benefits have been treated as vested: disability and temporary supplemental retirement benefits in pay status and pension death benefits.

Per Treasury regulation section 1.430(d)-1(f)(4)(iii), the liabilities for the funding valuation are determined using the annuity substitution method for benefits assumed to be paid as a lump sum and where the amounts are impacted by changes in lump sum interest rates.

Actuarial value of assets

The actuarial value of assets is used to calculate contribution requirements under ERISA. The actuarial value of assets is determined by recognizing asset gains and losses over a period of three years. Asset gains and losses are defined as the difference between the expected return on the market value of assets, using a return assumption not to exceed the third segment rate, and the actual return on the market value of assets. This gain or loss is recognized over a period of three years at 33% per year, beginning in the current year. The actuarial value of assets must be within 10% of the market value of assets.

EIN 43-1301883/PN 006

AT&T Pension Benefit Plan
2018 Schedule SB, Part V — Statement of Actuarial Assumptions/Methods

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to potential software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. To the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB, the values on the signed Schedule SB will govern.

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

► **Round off amounts to nearest dollar.**
 ► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan AT&T Pension Benefit Plan	B Three-digit plan number (PN) ►	006
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF AT&T Inc.	D Employer Identification Number (EIN) 43-1301883	

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500
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Part I Basic Information				
1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2018</u>			
2	Assets:			
	a Market value.....	2a	54,853,101,000	
	b Actuarial value.....	2b	51,826,080,000	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
	a For retired participants and beneficiaries receiving payment.....	202,297	23,590,977,000	23,590,977,000
	b For terminated vested participants.....	110,957	4,941,768,000	4,941,768,000
	c For active participants.....	198,002	16,526,124,000	17,905,305,000
	d Total.....	511,256	45,058,869,000	46,438,050,000
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐			
	a Funding target disregarding prescribed at-risk assumptions.....	4a		
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b		
5	Effective interest rate.....	5	5.69%	
6	Target normal cost.....	6	988,809,000	

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	Brian J. Walker <i>BJW</i> Signature of actuary Brian J. Walker, ASA, EA Type or print name of actuary AON Consulting, Inc. Firm name 5005 LBJ Freeway, 14th Floor DALLAS TX 75244 Address of the firm	09/30/2019 Date 1706719 Most recent enrollment number 214-989-2679 Telephone number (including area code)
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If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

Part II	Beginning of Year Carryover and Prefunding Balances
----------------	--

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	8,933,952,000
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		992,723,000
9	Amount remaining (line 7 minus line 8).....	0	7,941,229,000
10	Interest on line 9 using prior year's actual return of <u>15.16%</u>	0	1,203,890,000
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year).....		0
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.87%</u>		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		0
c	Total available at beginning of current plan year to add to prefunding balance.....		0
d	Portion of (c) to be added to prefunding balance.....		0
12	Other reductions in balances due to elections or deemed elections		
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	0	9,145,119,000

Part III Funding Percentages

14	Funding target attainment percentage	14	91.90%
15	Adjusted funding target attainment percentage.....	15	111.60%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	96.57%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
10/15/2018	80,000,000	0			
Totals ►			18(b)	80,000,000	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years.....	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.....	19c	76,594,000

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year?..... ☒ Yes ☐ No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No

C If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 3.92 %	2nd segment: 5.52 %	3rd segment: 6.29 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 62
23 Mortality table(s) (see instructions)	Prior regulation:	☐ Prescribed - combined	☐ Prescribed - separate	☐ Substitute
	Current regulation:	☐ Prescribed - combined	☒ Prescribed - separate	☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment	☒ Yes ☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	988,809,000	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	3,757,089,000	0	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	988,809,000	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement		912,215,000	912,215,000
36 Additional cash requirement (line 34 minus line 35)	36	76,594,000	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	76,594,000	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:	
a Schedule elected	☐ 2 plus 7 years ☒ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☒ 2011

EIN 43-1301883/PN 006

AT&T Pension Benefit Plan
Summary of Attachments to 2018 Form 5500 Schedule SB

Attachments	Description
Line 3	Description of Funding Target/Participant Count breakdown
Line 19	Discounted Employer Contributions
Line 22	Description of Weighted Average Retirement Age
Part V	Statement of Actuarial Assumptions/Methods Summary of Plan Provisions
Line 24	Change in Non-Prescribed Actuarial Assumptions
Line 26	Schedule of Active Participant Data
Line 32	Schedule of Amortization Bases

EIN 43-1301883/PN 006

AT&T Pension Benefit Plan

2018 Schedule SB, Line 3 — Description of Funding Target / Count Breakdown

Description of Funding Target / Count Breakdown

- Funding target liability/counts under line 3a are determined for the participants who are currently receiving or have received benefits.
- Funding target liability/counts under line 3b are determined for the retired/separated participants who are entitled to future benefits.

EIN 43-1301883/PN 006

AT&T Pension Benefit Plan
2018 Schedule SB, Line 19 — Discounted Employer Contributions

Line 19c. Contributions Allocated Toward Minimum Required Contribution for Current Year

<u>Date of Contribution (mm/dd/yyyy)</u>	<u>Amount paid by employer(s)</u>	<u>Year Applied</u>	<u>Effective Interest Rate</u>	<u>Interest Adjusted Contribution as of January 1, 2018</u>	<u>Period during which rate(s) apply</u>
10/15/2018	\$80,000,000	2018	5.69%	\$76,594,000	1/1/2018 - 10/15/2018

AT&T Pension Benefit Plan

2018 Schedule SB, Line 22 — Description of Weighted Average Retirement Age

Description of Weighted Average Retirement Age Calculation

The rates of retirement at each age depend on the following factors:

- age
- gender
- service
- bargained/nonbargained status

The detailed description of the exact rates that apply at each age for each of the various categories is contained in the attachment to Part V — Statement of Actuarial Assumptions/Methods.

In computing the weighted-average retirement age, the weight applied to each age is (a)/(b), where (a) and (b) are defined as follows:

(a) The number of participants expected to retire at the retirement age to which the weight is being applied. The number of participants expected to retire is estimated by applying the assumed rates of decrement to the current active population.

(b) The total number of participants expected to retire. The number of participants expected to retire is estimated by applying the assumed rates of decrement to the current active population.

EIN 43-1301883/PN 006

AT&T Pension Benefit Plan
2018 Schedule SB, Part V — Statement of Plan Provisions

Description of Plan Provisions

The following pages fully describe the plan provisions used to calculate the amounts shown in the Schedule SB.

Summary of Plan Provisions AT&T Pension Benefit Plan

Effective date

The original effective date of the Plan was January 1, 1984 as a successor to the Bell System Management Pension Plan. The Plan was last restated effective December 1, 2016. The provisions reflected in this report were used to value the Plan and may, in some instances, differ from the Plan.

Definitions

Merger

All assets and liabilities for participants of the SBC Pension Plan (SBCPP) were merged into the SBC Pension Benefit Plan (SBCPBP) as of July 1, 1994. As of January 1, 1999, all assets and liabilities for participants of the PTG Cash Balance Pension Plan for Salaried Employees were merged into the SBC Pension Benefit Plan (SBCPBP). As of January 1, 2000, all assets and liabilities for participants of the SNET Management Pension Plan (SNET MPP) were merged into the SBC PBP. As of December 31, 2004, all assets and liabilities for participants of the PTG Pension Plan (PTG PP), SNET Pension Plan (SNET PP), Ameritech Pension Plan (APP), and Ameritech Management Pension Plan (AMPP) were merged into the SBC PBP. The plan was renamed the AT&T Pension Benefit Plan (ATT PBP) after the merger with AT&T Corp. As of December 31, 2006, assets and liabilities for the US domestic participants in the Cingular Wireless Pension Plan and the AT&T Management Pension Plan were merged into the ATT PBP. As of December 31, 2007, all assets and liabilities for participants of the Cingular Wireless Bargained Pension Plan (CWBPP) and the Employee's Pension Plan of Ameritech Publishing Ventures, Inc. (APVI) were merged into the ATT PBP. As of November 1, 2008 all assets and liabilities for participants in the BellSouth Pension Plan and BellSouth Personal Retirement Account Pension plan and assets and liabilities for US domestic plan participants in the AT&T Pension Plan were merged into the ATT PBP. As of November 30, 2016, all assets and liabilities for participants of the DIRECTV Pension Plan (DTVPP) were merged into the ATT PBP.

Plan year

January 1 through December 31.

Contributions

The Company will pay to the Trustee such sums of money as the enrolled actuary shall certify as the amounts necessary to provide the retirement income benefits specified by the Plan and to prevent the Plan from having an accumulated funding deficiency within the meaning of IRC Section 430. The Company may also provide, from time to time, additional sums of money to the Trustee as deemed appropriate.

Employee contributions are neither required nor permitted under the Plan.

Expenses

All expenses incurred in connection with the administration of the Plan and the Trust are paid by the fund to the extent they are not paid by the Company.

Changes as of December 31, 2017

- The monthly pension bands will increase 1% on 1/1/2018, 1/1/2019, 1/1/2020, 1/1/2021 and 1/1/2022 for the following bargained groups:
 - Midwest Program (IBEW System Council T-3)
 - AT&T Legacy Bargained Program (IBEW)
- The annual cash balance pension band credits will increase 1% on 1/1/2018, 1/1/2019, 1/1/2020, 1/1/2021 and 1/1/2022 for the following bargained groups:
 - AT&T Legacy Bargained Program (IBEW)
- The monthly pension bands will increase 1% on 1/1/2018, 1/1/2019, 1/1/2020, and 1/1/2021 for the following bargained groups:
 - Southwest Program (CWA District 6)
- The monthly pension bands will increase 1% on 1/1/2017, 1/1/2018, 1/1/2019, and 1/1/2020 for the following bargained groups:
 - West Program (CWA District 9)
- DIRECTV employees in the following groups will move to the BCB2 on the following dates:
 - CWA National Internet Contract – Tier 2 (DIRECTV Technical Support) (effective June 1, 2017)
 - CWA AT&T Core Contract (DIRECTV OOR Techs) (effective June 1, 2017)
 - CWA District 9 (DIRECTV – West Core Contract) (effective January 1, 2018)
- Effective January 1, 2017, the partial lump sum and corresponding residual annuity calculations for the Legacy AT&T Management Program will be calculated in accordance with final IRS partial lump sum regulations released September 8, 2016.

Summary of Plan Provisions

Nonbargained Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any nonbargained employee who was regularly employed by a former SBC Communications Inc. Participating Company before January 1, 2007 will become a participant the day after completing one year of Participation Service. Benefits in excess of the IRC Section 415 limits and IRC Section 401(a)(17) limits are provided under the unfunded Pension Benefit Makeup Plan. This program was closed to new hires and rehires hired on or after January 1, 2007.

Definitions

Vesting service

Vesting service is computed on an elapsed time basis. For actives on January 1, 2010, accrued benefits will now be vested after three years.

Pension calculation service

For purposes of determining the participant's Accrued Benefit, Pension Calculation Service shall include employment with a Participating Company and effective January 1, 1994 includes employment with Bell Communications Research, Inc. during a rotational assignment. Under Interchange Agreements, service with certain Interchange Companies is also credited.

Pension eligibility service

For determining eligibility for benefits, Pension Eligibility Service is Pension Calculation Service including employment with any non-participating member of the AT&T controlled group and employment with companies which are subsequently acquired by or merged with any company that is a member of the AT&T controlled group, provided the employee was employed by the acquired or merged company at any time within the 90 days immediately prior to the acquisition and the employee is hired by a member of the AT&T controlled group within 90 days after the date of acquisition or merger. Prior service with PTG, SNET or AIT is included in Pension Eligibility Service.

Pension compensation

The sum of a participant's base wages, group incentive award (i.e. Team Award aka Annual Bonus), Key Contributor Award (fka individual discretionary award), and nondiscretionary incentive compensation (i.e. commissions and "SPA" pay). Pension Compensation also includes any nonqualified deferred compensation or Stock Savings plan deferrals. (Prior to cash balance implementation, nonqualified deferred compensation and Stock Savings plan deferrals were excluded from pension compensation.) Also includes Lump Sum Special Payment effective January 1, 2004. Pension Compensation is limited to the IRC Section 401(a)(17) compensation limits. Payments under the Short Term Incentive Plan paid on or after January 1, 2010 are eligible pay for participants promoted to officer level on or after January 1, 2009.

Adjusted career income (SBC Participants)

Adjusted Career Income is the sum of the following for the averaging period that produces the highest benefit: (1) the product of average annual compensation earned in the averaging period and Pension Calculation Service as of the end of the averaging period and (2) the sum of all Pension

Compensation earned after the end of the averaging period. The most recent averaging period is the five year period beginning on January 1, 1995 and ending on December 31, 1999.

Grandfathered accrued benefit (SBC Participants)

Equal to the greater of the following:

- A monthly benefit of one-twelfth of 1.6% of the Adjusted Career Income, or
- For SBC company employees eligible for the Enhanced Management Pension (EMP), a monthly benefit determined as of December 30, 1991 based on five additional years of age and service and a 5-year averaging period from January 1, 1986 to December 31, 1990.

Grandfathered benefit accruals ceased on May 31, 2002, at which point the Grandfathered Accrued Benefit was frozen. Employees hired after June 1, 1997, are not eligible for the Grandfathered Accrued Benefit.

Updated career average minimum (CAM)

The monthly CAM is equal to one-twelfth of 1.6% of the Adjusted Career Income. The excess of the CAM benefit over the lump sum benefit expressed as an annuity will be paid as an annuity if greater than \$400 per month.

For a Participant eligible for a Service Pension, the CAM is reduced for commencement prior to age 55. With less than 30 years of service, the reduction is ½% for each month that the distribution precedes age 55; with 30 or more years of service, the reduction is ¼% for each month prior to age 55. For a Participant not eligible for a Service Pension, the CAM is actuarially reduced for commencement prior to age 65, based on factors contained in the plan document.

Pension Band Minimum (PBM)

Employees eligible for the Pension Benefit Minimum Benefit must be promoted into the Nonbargained Program on or after June 13, 2001 and be a former participant in the Southwest Program, West Program, or Midwest Program participating companies.

The benefit is equal to the greater of the following:

- Benefit calculated as if the participant remained in the Bargained Program using the same Pension Band in effect on the transfer date plus the supplement benefit accrued to the date of transfer, or
- Accrued benefit from Bargained Program as of the transfer date plus 1.2% of Pension Compensation in the Nonbargained Program.

Adjusted monthly compensation (PTG Participants)

The sum of a Participant's monthly base salary before IRC Section 401(k) deferrals and bonuses paid under the Short Term Incentive Plan (STIP). The Adjusted Monthly Compensation for each year is limited by law to the IRC Section 401(a)(17) compensation limit.

Adjusted average annual compensation (PTG Participants)

The average of Adjusted Monthly Compensation for the sixty-month period ending June 30, 1996. Adjusted Average Annual Compensation is limited by law to the IRC Section 401(a)(17) compensation.

Cash balance account

As of June 1, 1997 for SBC participants, July 1, 1996 for PTG participants and January 1, 1996 for SNET participants the Cash Balance Account is set equal to the account opening balance of the respective predecessor plans. As of January 14, 2005, all future accruals for nonbargained participants are eliminated. The Cash Balance Account earns interest credits, pay credits and transition credits (if applicable) as follows:

■ **Interest credits**

Interest is credited to the Cash Balance Account monthly, and the effective annual rate is based on the average 30-year Treasury bond yield for the middle month of the prior quarter.

■ **Pay credits**

Pay credits equal to 5% of a participant's Pension Compensation are credited monthly to the Cash Balance Account. As of January, 14, 2005, pay credits are eliminated.

■ **Transition credits (SBC participants)**

The transition account (if any) is credited to the Cash Balance Account on a monthly basis. The amount of the monthly credit is equal to the remaining value of the Transition Benefit Account divided by the number of months remaining in the transition period. The transition period ended on June 1, 2002.

Special ATB account balance (PTG Participants)

The Special ATB Account Balance is equal to the Special ATB Opening Balance with interest until December 31, 2001 at which time it was frozen. Interest is credited to the Special ATB Opening Balance monthly, based on the average 30-year Treasury bond yield for the middle month of the prior quarter. The Special ATB Opening Balance is equal to the lump sum value of the Accelerated Transition Benefit with reductions as of January 1, 1999. The Accelerated Transition Benefit is converted to a lump sum based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and an interest rate equal to the average 30-year Treasury bond yield for November 1998.

Additional cash balance credits for promotions

For all participants hired prior to January 1, 1997 and promoted on or after April 1, 1997, Additional Cash Balance Credits equal to a percentage of a participant's Pension Compensation based on pension eligibility service are credited to the Cash Balance Account. The contribution is credited to the participant's account 50% on the latter of January 1, 1999 or date of promotion and the remaining 50% on the one-year anniversary of the date of promotion. As of January 14, 2005, Additional Cash Balance Credits are eliminated.

Basic account opening balance (SBC participants)

Equal to the product of the following (1) 1.6% times Pension Calculation Service as of May 31, 1997 times 1996 Cash Balance Conversion Pay and (2) an age 65 deferred lump sum factor computed using 6.69% interest and the GAM83 (50/50) mortality table (the GATT mortality table as of June 1, 1997).

Transition benefit account (SBC Participants)

The initial value of the Transition Benefit Account is equal to the excess (if any) of the Cash Balance Conversion Pay times an enhanced opening balance factor (described below) over the Basic Account Opening Balance. Cash Balance Conversion Pay is 1996 Pension Compensation modified to include.

Basic Rate of Pay amounts deferred as a result of participation in nonqualified deferred compensation plans and to credit full-time Basic Rate of Pay for part-time service. The enhanced opening balance factor is equal to the sum of the following:

- A factor representing the hypothetical account balance the employee would have accumulated since date of hire based on the following assumptions: 5% of pay credits, 8% interest credits and a 4% salary increase assumption.
- A transition factor based on points (i.e., age + service) at June 1, 1997. The factor is .01 for each point in excess of 25, plus an additional .02 for each point in excess of 40, plus an additional .02 for each point in excess of 50. The maximum transition factor is 1.25.

Each month, the Transition Benefit Account is credited with interest and is decreased by the amount of transition credit transferred to the Cash Balance Account.

Opening account balance (PTG participants)

The percentage factor from the Accumulation Table in Appendix A of the Plan based on service as of June 30, 1996 multiplied by a Participant's Adjusted Monthly Compensation for the 12 month period ending June 30, 1996.

Accelerated transition benefit (PTG participants)

■ **Eligibility**

A Participant who was employed on March 22, 1996.

■ **Benefit**

A monthly pension equal to 2% of the sum of the Participant's Adjusted Average Annual Compensation determined as of June 30, 1996 multiplied by Years of Credited Service as of June 30, 1996.

■ **Reductions**

The Accelerated Transition Benefit (ATB) is reduced for a Participant who is neither age 55 with 20 years of Pension Eligibility Service nor age 65 with 5 years of Pension Eligibility Service at Termination of Employment. The reduction for early commencement is 2% per year from Termination of Employment to age 50, 4% per year from age 50 to age 45 and 8% per year prior to age 45.

■ **Special pension account (SPA)**

Effective December 31, 1999, a special pension account (SPA) was created for all SBC participants eligible to retire. The SPA was set equal to the lump sum value of the participant's December 31, 1999 retirement benefit assuming they retire on that date. Most participants accrued the SPA with interest to December 31, 2000.

■ **Enhanced pension benefit (former SNET participants)**

A minimum lump sum benefit provided to employees who were participants in the SNET Pension Plan on July 1, 1995 equal to the sum of the following: (1) annualized core pension benefit as of July 1, 1995 increased by 10%, reduced for commencement prior to age 55, times an immediate lump sum factor, and (2) the cash balance account with interest credits under plan provisions as of July 1, 1995, increased by 10%.

Pension compensation (former AIT participants)

The sum of a Participant's base wages, shift differentials, lump sum merit wage payments, Management Team Incentive Compensation incentive awards, and sales commissions determined without regard to any deferrals made. Pension Compensation is limited to the IRC Section 401(a)(17) compensation limit (\$230,000 in 2008), subject to annual increases and in accordance with EGTRRA provisions.

Final average compensation (former AIT participants)

Highest consecutive 36 months of Pension Compensation earned during the most recent 60 months, divided by three. For purposes of calculating the Transition Benefit, the Final Average Compensation is equal to the highest consecutive 60 months of Pension Compensation earned during the most recent 120 months, divided by five.

Excess final average compensation (former AIT participants)

Portion of the Final Average Compensation that exceeds the average of the Social Security wage bases during the last five completed calendar years of Service.

Special pension account (former AIT participants)

Effective December 31, 1999, a special pension account (SPA) was created for all participants eligible to retire. The SPA was set equal to the lump sum value of the participant's December 31, 1999 retirement benefit assuming they retire on that date. Most participants accrued the SPA with interest to December 31, 2000 as of January 1, 2001. Interest was credited during 2000 based on the plan's lump sum conversion rate. Effective January 1, 2001, AMPP participants accrued the SPA with interest to December 31, 2001 based on the plan's lump sum conversion rate. As of December 31, 2001, the SPA lump sum was frozen.

Aggregate lump sum percentage (former AIT participants)

Equal to the sum, for each month, of the product of the following:

- the monthly Benefit Service Fraction,
- 1/12, and
- the Applicable Service Percentage.

Benefit service fraction (former AIT participants)

Equal to the total monthly hours of service, divided by 170.

Applicable service percentage (former AIT participants)

The following table presents the Applicable Service Percentage used in the calculation of the Defined Lump Sum.

Ages at which benefit service is earned	Applicable percentage
Under 30	6%
30 to 34	7%
35 to 39	8%
40 to 44	10%
45 to 49	12%
50 to 54	15%
55 and Over	20%

Defined lump sum account (former AIT participants)

Final Average Compensation multiplied by the Aggregate Lump Sum Percentage. As of January 14, 2005, all future accruals are eliminated. The Defined Lump Sum Account will receive interest credits monthly, based on the average 30-year Treasury bond yield for the middle month of the prior quarter.

Transition benefit (former AIT participants)

Available to Participants who were within 5 years of Service Pension Eligibility on May 1, 1995. Single life annuity calculated as the sum of the following, multiplied by years of Service:

- 1.4% of the Final Average Compensation, and
- 0.1% of the Excess Final Average Compensation.

Service pension eligibility (for transition benefit and SPA only): Termination of employment after attaining age 65 with 10 years of Service, age 55 with 20 years of Service, age 50 with 25 years of Service or 30 years of Service.

Service pension

Eligibility

Termination of employment after attaining age 65 with 10 years of Pension Eligibility Service, age 55 with 20 years of Pension Eligibility Service, age 50 with 25 years of Pension Eligibility Service or 30 years of Pension Eligibility Service.

Lump sum benefit

A lump sum benefit is available equal to the greater of the following, as applicable:

- the Cash Balance Account.
- the Defined Lump Sum Account.
- the Grandfathered Accrued Benefit or the AIT Transition Benefit, reduced for distribution prior to age 55, times an immediate lump sum factor. For a participant with less than 30 years of service, the reduction for distribution prior to age 55 is $\frac{1}{2}\%$ for each month which distribution precedes age 55; with 30 or more years of service, the reduction is $\frac{1}{4}\%$ for each month prior to age 55.
- the SPA.
- the ATB, times an immediate lump sum factor.
- the Special ATB.
- the Enhanced Pension Benefit.

Annuity benefit

The excess of the greater of the CAM benefit or PBM benefit, over the lump sum benefit expressed as an annuity will be paid as an annuity if it is greater than \$400 per month. If the excess is less than \$400 per month, then the greater of the CAM benefit or PBM benefit, is available as a lump sum.

A participant may receive an immediate monthly pension, payable for life, equal to the greater of the Grandfathered Accrued Benefit or the AIT Transition Benefit, reduced for commencement prior to age 55, the SPA, the ATB, the Special ATB, the Cash Balance Account, and the Defined Lump Sum Account converted to an annuity.

Date payments begin

If a monthly pension is elected, the benefit commences on the first day of the month following the date of retirement, or a later date elected by the participant, not later than age 65. If a lump sum benefit is elected, payment is made upon retirement, or a later date elected by the participant, not later than age 65.

Disability pension

Eligibility

A Disability Pension is no longer offered effective June 1, 1997. An employee who terminates due to disability will be paid either a Service Pension or a Deferred Vested Pension, depending on which benefit the employee is eligible for upon disability.

Deferred vested pension

Eligibility

Effective January 1, 2010, a Deferred Vested Pension is payable upon termination of employment after completing at least 3 years of Vesting Service and before reaching Service Pension Eligibility. All SBC non-bargained employees hired prior to April 1, 1997 are considered fully vested. All PTG nonbargained employees hired prior to January 1, 1999 are considered fully vested. All SNET participants hired prior to January 1, 2000 are considered fully vested. All Ameritech non-bargained employees hired prior to January 15, 2005 and those rehired after January 15, 2005 without five one year breaks in service are considered fully vested. Notwithstanding the preceding, all participants are fully vested as of the date of a qualified IRC Section 420 transfer.

Lump sum benefit

A lump sum benefit is available equal to the greater of the following, as applicable:

- the Cash Balance Account.
- the Defined Lump Sum Account.
- the Grandfathered Accrued Benefit or the AIT Transition Benefit times a deferred to age 65 lump sum factor.
- the ATB, times an immediate lump sum factor.
- the Special ATB.
- the Enhanced Pension Benefit.

Annuity benefit

The excess of the greater of the CAM benefit or PBM benefit, over the lump sum benefit expressed as an annuity will be paid as an annuity if it is greater than \$400 per month. If the excess is less than \$400 per month, then the greater of the CAM benefit or PBM benefit, is available as a lump sum.

A participant may receive an immediate monthly pension, payable for life, equal to the greater of the Grandfathered Accrued Benefit or the AIT Transition Benefit, actuarially reduced for commencement prior to age 65, the ATB, the Special ATB, the Cash Balance Account, and the Defined Lump Sum Account converted to an annuity.

Date payments begin

If a monthly pension is elected, the benefit commences on the first day of the month following the date of termination, or a later date elected by the participant, not later than age 65. If a lump sum benefit is elected, payment is made upon termination, or a later date elected by the participant, not later than age 65. However, for PTG participants, if the ATB is the greater benefit, a lump sum election must be made within 90 days of termination.

Surviving spouse's benefit

Eligibility

Surviving spouse of an active vested or deferred vested participant in the event of the participant's death.

Lump sum benefit

The eligible spouse of an active participant who dies prior to Normal Retirement Age and before benefit payments commence is entitled to one of the following benefits:

A vested participant with less than 15 years of pension eligibility service and not eligible for a service person

A lump sum benefit equal to the greater of the following, as applicable:

- the Cash Balance Account or the Defined Lump Sum Account.
- the lump sum value of 45% of the Grandfathered Accrued Benefit or the AIT Transition Benefit, assuming commencement would have occurred on the date the participant would have reached eligibility for a Service Pension.
- 45% of the Special ATB.
- the lump sum value of 45% of the ATB, assuming commencement would have occurred on the date of the participant's death.

With 15 years of pension eligibility service and eligible for a service person

A lump sum benefit equal to the greater of the following, as applicable:

- the Cash Balance Account or the Defined Lump Sum Account.
- 45% of the Special ATB.
- the lump sum value of 45% of the Grandfathered Accrued Benefit, the AIT Transition Benefit or ATB, assuming commencement would have occurred on the first date of the month following the participant's date of death (without reductions for early commencement).
- 45% of the SPA.

Annuity benefit

An eligible spouse may receive a monthly pension equal to the greater of 1) the Cash Balance Account, the Defined Lump Sum Account, 45% of the Special ATB, or 45% of the SPA, converted to a monthly annuity, or 2) 45% of the Grandfathered Accrued Benefit, the AIT Transition Benefit, or ATB commencing as described above.

CAM or PBM benefit

As an additional annuity benefit, 45% of the excess of the greater of the CAM benefit or PBM benefit, over the lump sum benefit expressed as an annuity will be paid as an annuity.

Death benefit if no surviving spouse

Eligibility

Death of an active vested or deferred vested participant that does not have a surviving spouse.

Lump sum benefit

A lump sum actuarially equivalent to the Surviving Spouse Benefit, based on the employee's date of birth

Lump sum death benefit

A frozen lump sum death benefit is payable to an "Eligible Beneficiary" (spouse, dependent child, dependent parent, or registered domestic partner) upon the death of certain eligible active employees who die due to sickness or non-job-related injury, or upon the death of certain Disability or Service Pensioners. In some cases, this lump sum death benefit will be eliminated. Effective December 31, 2012, retiree death benefits will not be paid from the pension trust. The eligible groups and benefits are as follows.

For participants of the ATTPBP on January 1, 1990

Lump sum benefit equal to the wages earned in the 12 month period ending on December 31, 1989, or date of termination if earlier. This benefit expired on June 1, 2002 if the participant was active as of June 1, 1997.

For participants of the PTG Cash balance pension plan on January 1, 1998

Lump sum benefit equal to the wages earned in the 12 month period ending on December 31, 1997, or date of termination if earlier. This benefit expired on June 1, 2002 if the participant was active as of December 31, 1997.

For participants of the SNET MPP on September 17, 1989 that do not elect to receive any portion of their benefit as a lump sum

Lump sum benefit equal to the Basic Rate of Pay as of the earlier of January 1, 1992 or the date of termination. This benefit expires on December 31, 2004 if the participant was active as of December 31, 1999.

For participants of the Ameritech Management pension plan who retired or became disabled prior to May 1, 1995

Lump Sum Death Benefit equal to the wages earned in the 12 month period ending on the date of termination.

Forms of payment

The normal form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 90% of the Accrued Benefit, with 45% of the Accrued Benefit continuing to the surviving spouse upon the earlier death of the Participant. If the spouse predeceases the participant that retired from the plan, the 10% reduction factor is removed for future payments. The normal form with respect to all other participants is a single life annuity. Cash Balance Accounts, Defined Lump Sum Accounts, the Special ATB, or the SPA will be converted to an annuity based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and the average 30-year Treasury bond yield for the middle month of the quarter preceding commencement. Effective January 1, 2012, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality. The applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate phased-in at 25% per year over four years beginning January 1, 2012. The applicable interest rate lookback month will be the middle month of the quarter preceding distribution.

In lieu of the normal form of retirement benefit, a married Participant may elect, with the proper spousal consent, to waive the qualified joint and survivor annuity and to receive an actuarial equivalent retirement benefit in the form of single life annuity, a 75% joint and survivor annuity, or a 100% joint and survivor annuity. J&S options are with pop-up if service pension eligible.

A Participant may also elect to receive a lump sum. Grandfathered Accrued Benefits, the AIT Transition Benefit, or the ATB will be converted to lump sums based on GATT mortality and an interest rate equal to the average 30-year Treasury bond yield for the middle month of the quarter preceding distribution. Effective January 1, 2012, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality. The applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate phased-in at 25% per year over four years beginning January 1, 2012. The applicable interest rate lookback month will be the middle month of the quarter preceding distribution.

For determining the minimum lump sum under 417(e)(3), the interest rate lookback month will be November of the year preceding distribution.

A Lump Sum Offer (LSO) was provided to participants meeting the Modified Rule of 75 as of December 30, 2013, provided they terminate employment by December 30, 2013 unless they are metered. The amount of the LSO lump sum was based on the full accrued benefit and calculated using an August 2012 lookback month for the lump sum conversion basis, if greater than the plan actuarial equivalence.

An Enhanced Pension Offer (EPO) was provided to participants who are Management Employees as of December 10, 2014, as long as they do not become a Bargaining Unit Employee prior to termination and meet the Modified Rule of 75 as of March 31, 2015. Participants who elect the EPO must terminate employment by March 31, 2015 and elect an Annuity Starting Date of April 1, 2015, unless they are metered. The amount of the EPO benefit is their normal pension benefit under the Plan, increased by 10%. In addition a full lump sum option was added for anyone who elected the EPO.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Summary of Plan Provisions

Southwest Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any bargained employee who is regularly employed by a Southwestern Bell region Participating Company will become a participant on the day after completing one year of Participation Service. Effective April 1, 2010 this program was closed to new hires and rehires in the CWA District 6 (Southwest Core) contracts hired on or after August 9, 2009. Effective June 1, 2011 this program was closed to new hires and rehires in the CWA Southwestern Bell Yellow Pages contract hired on or after June 1, 2011.

Definitions

Vesting service

Vesting Service is calculated on an elapsed time basis. For actives on January 1, 2010 of Southwest Core, and AT&T Operations – CWA District 6, accrued benefits will now be vested after three years. For actives on June 1, 2011 of Southwestern Bell Yellow Pages – CWA, accrued benefits will now be vested after three years. For all other participants, effective January 1, 2010, if any part of the accrued benefit is determined as a Cash Balance Account or DLS Account then the participant is vested after 3 years.

Pension calculation service

For purposes of determining the participant's Accrued Benefit, Pension Calculation Service shall include employment with a Participating Company. Under Interchange Agreements, service with certain Interchange Companies is also credited.

Pension eligibility service

For determining eligibility for benefits, Pension Eligibility Service is Pension Calculation Service including employment with any non-participating member of the AT&T controlled group. Prior service with PTG, SNET or AIT is included in Pension Eligibility Service.

Supplemental pay

The sum of a Participant's in charge allowances, extra payments for temporary promotions, shift differentials and job differentials, including bonus payments of \$250 in 2006, \$375 in 2007, and \$375 in 2008. Effective June 1, 2010 and November 1, 2010 respectively, target incentive compensation and success sharing plan payments that are not contributed to an HRA are also eligible compensation.

Special pension account (SPA)

Effective December 31, 1999, a special pension account (SPA) was created for all participants eligible to retire. The SPA was set equal to the lump sum value of the participant's December 31, 1999 retirement benefit assuming they retire on that date. Most participants accrued the SPA with interest to December 31, 2000 as of January 1, 2001. Interest was credited during 2000 based on the plan's lump sum conversion rate. Effective December 31, 2000, the SPA was set equal to the greater of the participant's SPA balance at December 31, 2000 and the lump sum value of the participant's December 31, 2000 retirement benefit assuming they retire on that date. During 2001, bargained participants accrued the SPA with interest to December 31, 2001 based on the plan's lump sum conversion rate. As of December 31, 2001, the SPA lump sum balance is frozen.

Service pension

Eligibility

Termination of employment after attaining age 65 with 10 years of Pension Eligibility Service, age 55 with 20 years of Pension Eligibility Service, age 50 with 25 years of Pension Eligibility Service or 30 years of Pension Eligibility Service.

Accrued benefit

A monthly benefit equal to the greater of the SPA, converted to an annuity, and the sum of the following:

- the Pension Band Amount shown in the tables for the pension band which applies to the participant's job title times Pension Calculation Service.
- the Supplemental Monthly Pension.

Supplemental monthly pension

The product of .001 times Supplemental Pay during the last 36 months of employment divided by 36, times Pension Calculation Service.

Reduction

After meeting eligibility for a Service Pension, a participant receives an immediate monthly pension, payable for life, equal to the Accrued Benefit, reduced for commencement prior to age 55. The reduction is ½% for each month prior to age 55 with less than 30 years of service and is unreduced with 30 or more years of service.

Lump sum benefit

A lump sum benefit is available equal to the Accrued Benefit, converted to a lump sum.

Date payments begin

The monthly pension commences on the first day of the month coinciding with or next following the date of retirement, subject to the provisions of IRC Section 411(a)(11) and notice and election requirements under IRC Section 417.

Disability pension

Eligibility

An employee who has at least 15 years of Pension Eligibility Service and who becomes totally disabled prior to age 65.

Benefit

The participant receives an immediate monthly pension, payable for life, equal to the Accrued Benefit based on service and compensation as of the date of termination, without reduction for commencement prior to age 65.

Date payments begin

Benefits begin immediately following termination of employment due to total disability. If disability occurs after attaining service pension eligibility, the benefit is paid from the qualified trust. If disability occurs prior to attaining service pension eligibility, the benefit is paid from company operating funds until the participant turns age 65, at which time the benefit is converted to a service pension and paid from the qualified trust.

Deferred vested pension

Eligibility

Termination of employment after completing at least 3 years of Vesting Service, and before reaching eligibility for Service Pension. Notwithstanding the preceding, all participants are fully vested as of the date of a qualified IRC Section 420 transfer.

Benefit

The monthly benefit, payable as a straight life annuity starting on the participant's Normal Retirement Age (the later of age 65 or the third anniversary of plan participation), equals the participant's Accrued Benefit on the date of termination. The benefit is actuarially reduced if commenced prior to Normal Retirement Age.

Date payments begin

A participant who terminates employment with three or more years of Vesting Service receives a Deferred Vested Pension commencing at Normal Retirement Age or at termination of service, if later. If the participant has sufficient service for early retirement eligibility, the Deferred Vested Pension may commence early when the participant later meets the age requirements. The amount payable upon early retirement is equal to the Accrued Benefit, actuarially reduced based on commencement prior to age 65. A table of actuarial reduction factors is in the plan document.

Surviving spouse's benefit

Eligibility

Surviving spouse of an active vested or deferred vested participant in the event of the participant's death.

Benefit

The eligible spouse of an active participant who dies prior to Normal Retirement Age and before benefit payments commence is entitled to one of the following benefits:

- If a vested participant dies with less than 15 years of Pension Eligibility Service, and is not eligible for a Service Pension, the eligible spouse receives a deferred monthly survivor benefit for life beginning on the date the participant would have reached earliest eligibility to commence a Deferred Vested Pension. The benefit is computed as though the participant had left service on the date of death, survived until the earliest eligibility to commence a Deferred Vested Pension, retired at that time with the qualified survivor annuity option, and died the next day. In lieu of the monthly survivor benefit, a surviving spouse of a Participant employed by Southwest Core, or Southwestern Bell Yellow Pages may elect to receive a lump sum equivalent to the deferred monthly survivor benefit.
- If the participant dies eligible for a Service Pension or with 15 years of Pension Eligibility Service, a surviving spouse receives a monthly survivor pension payable for life equal to 45% of the Accrued Benefit. The spouse's benefit will commence on the first day of the month following the participant's date of death. In lieu of the monthly survivor benefit, a surviving spouse of a Participant employed by Southwest Core or Southwestern Bell Yellow Pages may elect to receive a lump sum equivalent to the monthly survivor benefit.

The surviving spouse of a participant who was receiving a nonqualified disability benefit and who dies before age 65 will receive a survivor annuity beginning at the time the participant would have attained earliest retirement age, unless the spouse elects to delay payments until the time the participant would have attained age 65. For vested participants not satisfying the Modified Rule of 75 who die on or after April 1, 2011, a Pre-Retirement Survivor Annuity may be paid immediately.

Death benefit if no surviving spouse

Eligibility

Death of an active vested or deferred vested participant employed by SWBT, SYP, SMSG, SOPS, SASI, STCOM, or SS that does not have a surviving spouse.

Lump sum benefit

A lump sum actuarially equivalent to the surviving spouse benefit based on the employee's date of birth.

Lump sum death benefit

For participants hired prior to January 1, 1990, the Plan provides a Lump Sum Death Benefit equal to the wages earned in the 12 month period ending on December 31, 1989, or date of termination if earlier. This benefit is paid if an eligible active employee dies due to sickness or non-job-related injury and is survived by an "Eligible Beneficiary" (spouse, dependent child, dependent parent, or registered domestic partner). The benefit is also paid if an eligible Disability or Service Pensioner dies and is survived by an Eligible Beneficiary. Effective December 31, 2012, retiree death benefits will not be paid from the pension trust for participants terminated prior to January 1, 2009. Effective December 31, 2016, retiree death benefits will not be paid from the pension trust for participants terminated prior to January 1, 2013.

Forms of payment

The normal form of payment for a participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 90% of the Accrued Benefit, with 45% of the accrued benefit continuing to the surviving spouse upon the earlier death of the participant. If the spouse predeceases the participant that retired from the plan, the 10% reduction factor is removed for the future payments. The normal form with respect to all other participants is a single life annuity.

In lieu of the normal form of retirement benefit, a married participant may elect, with the proper spousal consent, to waive the qualified joint and survivor annuity and to receive an actuarial equivalent retirement benefit in the form of a single life annuity, a 75% joint and survivor annuity or a 100% joint and survivor annuity. J&S options are with pop-up if service pension eligible.

For the Southwest Core bargaining group and former Southwestern Bell Yellow Pages, a lump sum benefit option is available for those service pension eligible effective January 1, 2010. Accrued benefits will be converted to lump sums based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and an interest rate equal to the average 30-year Treasury bond yield for the November of the prior year. Effective January 1, 2012, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality. The applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate phased-in at 25% per year over four years beginning January 1, 2012. The applicable interest rate lookback month will be the November of the prior year. For certain contracts, including the core contract, conversion based on the prior lump basis will be available for retirement eligible employees with payment commencing prior to March 31, 2012.

For determining the minimum lump sum under 417(e)(3), the interest rate lookback month will be November of the year preceding distribution.

Benefits not valued

No benefits are excluded that would materially affect the liabilities

Pension band amounts

The tables on the following pages present Pension Band Amounts for various band numbers, dates of termination and ages of termination.

**Monthly pension band amounts
Southwest Program
(bands 94 to 135)**

Pension Band	Terminations				Pension Band	Terminations			
	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 1/1/2016	On or after 1/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018		On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 1/1/2016	On or after 1/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018
94	\$26.21	\$26.47	\$26.73	\$27.00	115	\$59.05	\$59.64	\$60.24	\$60.84
95	27.78	28.06	28.34	28.62	116	60.65	61.26	61.87	62.49
96	29.34	29.63	29.93	30.23	117	62.19	62.81	63.44	64.07
97	30.88	31.19	31.50	31.82	118	63.79	64.43	65.07	65.72
98	32.45	32.77	33.10	33.43	119	65.34	65.99	66.65	67.32
99	34.00	34.34	34.68	35.03	120	66.92	67.59	68.27	68.95
100	35.57	35.93	36.29	36.65	121	68.48	69.16	69.85	70.55
101	37.13	37.50	37.88	38.26	122	70.07	70.77	71.48	72.19
102	38.69	39.08	39.47	39.86	123	71.61	72.33	73.05	73.78
103	40.30	40.70	41.11	41.52	124	73.19	73.92	74.66	75.41
104	41.86	42.28	42.70	43.13	125	74.76	75.51	76.27	77.03
105	43.40	43.83	44.27	44.71	126	76.30	77.06	77.83	78.61
106	44.95	45.40	45.85	46.31	127	77.90	78.68	79.47	80.26
107	46.56	47.03	47.50	47.98	128	79.45	80.24	81.04	81.85
108	48.15	48.63	49.12	49.61	129	81.03	81.84	82.66	83.49
109	49.71	50.21	50.71	51.22	130	82.56	83.39	84.22	85.06
110	51.26	51.77	52.29	52.81	131	84.18	85.02	85.87	86.73
111	52.84	53.37	53.90	54.44	132	85.71	86.57	87.44	88.31
112	54.35	54.89	55.44	55.99	133	87.26	88.13	89.01	89.90
113	55.99	56.55	57.12	57.69	134	88.86	89.75	90.65	91.56
114	57.52	58.10	58.68	59.27	135	90.41	91.31	92.22	93.14

**Monthly pension band amounts
Southwest Program
(bands 94 to 135)**

Pension Band	Terminations				Pension Band	Terminations			
	On or after 1/1/2018 and before 1/1/2019	On or after 1/1/2019 and before 1/1/2020	On or after 1/1/2020 and before 1/1/2021	On or after 1/1/2021		On or after 1/1/2018 and before 1/1/2019	On or after 1/1/2019 and before 1/1/2020	On or after 1/1/2020 and before 1/1/2021	On or after 1/1/2021
94	\$27.27	\$27.54	\$27.82	\$28.10	115	\$61.45	\$62.06	\$62.68	\$63.31
95	28.91	29.20	29.49	29.78	116	63.11	63.74	64.38	65.02
96	30.53	30.84	31.15	31.46	117	64.71	65.36	66.01	66.67
97	32.14	32.46	32.78	33.11	118	66.38	67.04	67.71	68.39
98	33.76	34.10	34.44	34.78	119	67.99	68.67	69.36	70.05
99	35.38	35.73	36.09	36.45	120	69.64	70.34	71.04	71.75
100	37.02	37.39	37.76	38.14	121	71.26	71.97	72.69	73.42
101	38.64	39.03	39.42	39.81	122	72.91	73.64	74.38	75.12
102	40.26	40.66	41.07	41.48	123	74.52	75.27	76.02	76.78
103	41.94	42.36	42.78	43.21	124	76.16	76.92	77.69	78.47
104	43.56	44.00	44.44	44.88	125	77.80	78.58	79.37	80.16
105	45.16	45.61	46.07	46.53	126	79.40	80.19	80.99	81.80
106	46.77	47.24	47.71	48.19	127	81.06	81.87	82.69	83.52
107	48.46	48.94	49.43	49.92	128	82.67	83.50	84.34	85.18
108	50.11	50.61	51.12	51.63	129	84.32	85.16	86.01	86.87
109	51.73	52.25	52.77	53.30	130	85.91	86.77	87.64	88.52
110	53.34	53.87	54.41	54.95	131	87.60	88.48	89.36	90.25
111	54.98	55.53	56.09	56.65	132	89.19	90.08	90.98	91.89
112	56.55	57.12	57.69	58.27	133	90.80	91.71	92.63	93.56
113	58.27	58.85	59.44	60.03	134	92.48	93.40	94.33	95.27
114	59.86	60.46	61.06	61.67	135	94.07	95.01	95.96	96.92

Summary of Plan Provisions West Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any bargained employee who is regularly employed by a Pacific Telesis region Participating Company will become a Participant on the day after completing one year of Participation Service. Effective January 1, 2009 this program was closed to new hires and rehires in the IBEW Local 2139 (Pacific Bell Directory South) contract. Effective January 1, 2010 this program was closed to new hires and rehires in the West Core CWA, and IBEW Local 1269 (Pacific Bell Telephone Company) contracts hired on or after August 9, 2009. Effective June 1, 2011 this program was closed to new hires and rehires in the IBEW Local 1269 (Pacific Bell Directory North) contract hired after January 1, 2011.

Definitions

Vesting service

Vesting Service is calculated on an elapsed time basis. Effective January 1, 2010, for active employees if any part of the accrued benefit is determined as a Cash Balance Account or DLS Account then the participant is vested after 3 years.

Pension calculation service

For purposes of determining the Participant's Accrued Benefit, Pension Calculation Service shall include employment with a Participating Company. Under Interchange Agreements, service with certain Interchange Companies is also credited. However, Pension Calculation Service shall not include any period of employment for which benefits accrue under the PTG Cash Balance Pension Plan for Salaried Employees or a similar plan.

Pension eligibility service

For determining eligibility for benefits, Pension Eligibility Service is Pension Calculation Service including employment with any non-participating member of the AT&T controlled group. Prior service with SBC, SNET or AIT is included in Pension Eligibility Service.

Average annual differentials

The sum of a Participant's in charge allowances, extra payments for temporary promotions, shift differentials and job differentials averaged over the most recent 36-month period, including bonus payments of \$250 in 2006, \$375 in 2007, \$375 in 2008, and 2.5% of pay in 2008, 3.0% of pay in 2009, and 3.0% of pay plus \$250 in 2010 for PacBell Directory South employees effective September 1, 2008. Effective June 1, 2010 and November 1, 2010 respectively, target incentive compensation and success sharing plan payments that are not contributed to an HRA are also eligible compensation.

Special pension account (SPA)

Effective December 31, 1999, a special pension account (SPA) was created for all participants eligible to retire. The SPA was set equal to the lump sum value of the participant's December 31, 1999 retirement benefit assuming they retire on that date. Most participants accrued the SPA with interest to December 31, 2000 as of January 1, 2001. Interest was credited during 2000 based on the plan's lump sum conversion rate. Effective December 31, 2000, the SPA was set equal to the greater of the participant's SPA balance at December 31, 2000 and the lump sum value of the participant's December 31, 2000 retirement benefit assuming they retire on that date. During 2001, bargained participants accrued the SPA with interest to December 31, 2001. Interest was credited during 2001 based on the plan's lump sum conversion rate. As of December 31, 2001, the SPA lump sum was frozen.

Early retirement benefit (ERB)

Additional early retirement supplements offered from time to time to eligible Participants who voluntarily retire during a specified window of time. The benefits typically include an additional four years of age and four years of service used in determination of the Service Pension, plus an additional temporary annuity equal to 10% to 30% of pay until age 62. This benefit is not valued until elected for ASC 715-30 (FAS 87), ASC 960 (FAS 35) and contribution purposes.

Service pension

Eligibility

Termination of employment after attaining age 65 with 10 years of Pension Eligibility Service, age 55 with 20 years of Pension Eligibility Service, age 50 with 25 years of Pension Eligibility Service or 30 years of Pension Eligibility Service.

Accrued benefit

A monthly benefit equal to the greater of the SPA (if eligible), converted to an annuity, and the sum of the following:

- the Pension Band Amount shown in the tables for the pension band which applies to the Participant's job title times Pension Calculation Service.
- the Supplemental Monthly Pension.

Supplemental monthly pension

The product of .001 times Average Annual Differentials during the last 36 months of employment divided by 36, times Pension Calculation Service.

Reduction

After meeting eligibility for a Service Pension, a Participant receives an immediate monthly pension, payable for life, equal to the Accrued Benefit, reduced for commencement prior to age 55. The reduction is ½% for each month prior to age 55 with less than 30 years of service and is unreduced with 30 or more years of service.

Lump sum benefit

A lump sum benefit is available equal to the Accrued Benefit, converted to a lump sum.

Date payments begin

The monthly pension shall commence on the day following a Participant's retirement.

Disability pension

Eligibility

An employee who has at least 15 years of Pension Eligibility Service who becomes totally disabled prior to age 65.

Benefit

The Participant receives an immediate monthly pension, payable for life, equal to the Accrued Benefit based on service and compensation as of the date of termination, without reduction for commencement prior to age 65.

Date payments begin

Benefits begin immediately following termination of employment due to total disability. If disability occurs after attaining service pension eligibility, the benefit is paid from the qualified trust. If disability occurs prior to attaining service pension eligibility, the benefit is paid from company operating funds until the Participant turns age 65, at which time the benefit is converted to a service pension and paid from the qualified trust.

Deferred vested pension

Eligibility

Termination of employment after completing at least 5 years of Vesting Service, and before reaching eligibility for Service Pension. However, effective January 1, 2010, if any part of the accrued benefit is determined as a Cash Balance Account or DLS Account then the Participant is eligible after 3 years of Vesting Service.

Benefit

The monthly benefit, payable as a straight life annuity starting on the Participant's Normal Retirement Age (the later of age 65 or the fifth anniversary of plan participation), equals the Participant's Accrued Benefit on the date of termination. The benefit is actuarially reduced if commenced prior to Normal Retirement Age.

Date payments begin

A Participant who terminates employment eligible for a Deferred Vested Pension receives a benefit commencing at Normal Retirement Age or at termination of service, if later. If the Participant has sufficient service for early retirement eligibility, the Deferred Vested Pension may commence early when the Participant later meets the age requirements.

Surviving spouse's benefit

Eligibility

Surviving spouse of an active vested or deferred vested Participant in the event of the Participant's death.

Benefit

The eligible spouse of an active Participant who dies prior to Normal Retirement Age and before benefit payments commence is entitled to one of the following benefits:

- If the Participant dies with 3 or more years of Vesting Service, has less than 15 years of Pension Eligibility Service, and is not eligible for a Service Pension, the eligible spouse receives a deferred monthly survivor benefit for life beginning on the date the Participant would have reached earliest eligibility to commence a Deferred Vested Pension. The benefit is computed as though the Participant had left service on the date of death, survived until the earliest eligibility to commence a Deferred Vested Pension, retired at that time with the qualified survivor annuity option, and died the next day.
- If the Participant dies eligible for a Service Pension or with 15 years of Pension Eligibility Service, a surviving spouse receives a monthly survivor pension payable for life equal to 45% of the Accrued Benefit. The spouse's benefit will commence on the first day following the Participant's date of death.

Death benefit if no surviving spouse

Eligibility

Death of an active vested or deferred vested participant employed by PB, NB, SASI, STCOM, SS, PBIS, or PDIR that does not have a surviving spouse.

Lump sum benefit

A lump sum actuarially equivalent to the Surviving Spouse Benefit, based on the employee's date of birth.

Lump sum death benefit

The Plan provides a Lump Sum Death Benefit equal to the wages earned in the 12-month period ending on the date of death. This benefit is paid if an eligible active employee dies due to sickness or job-related injury and is survived by an "Eligible Beneficiary" (spouse, dependent child, dependent parent, or registered domestic partner). The benefit is also paid if a Disability or Service Pensioner who was eligible or had already retired as of January 1, 1987, dies and is survived by an Eligible Beneficiary. Effective December 31, 2012, retiree death benefits will not be paid from the pension trust for participants terminated prior to January 1, 2009. Effective December 31, 2016, retiree death benefits will not be paid from the pension trust for participants terminated prior to January 1, 2013.

Forms of payment

The normal form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 90% of the Accrued Benefit, with 45% of the Accrued Benefit continuing to the surviving spouse upon the earlier death of the Participant. If the spouse predeceases the Participant that retired from the plan, the 10% reduction factor is removed for the future payments. The normal form with respect to all other Participants is a single life annuity.

In lieu of the normal form of retirement benefit, a married Participant may elect, with the proper spousal consent, to waive the qualified joint and survivor annuity and to receive an actuarial equivalent retirement benefit in the form of a single life annuity, a 75% joint and survivor annuity, or a 100% joint and survivor annuity. J&S options are with pop-up if service pension eligible.

A Participant may also elect to receive a lump sum. Benefits will be converted to lump sums based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and an interest rate equal to the average 30-year Treasury bond yield for the November of the prior year. Effective January 1, 2012, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality. The applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate phased-in at 25% per year over four years beginning January 1, 2012. The applicable interest rate lookback month will be the November of the prior year. For Pacific Bell Directory South, effective January 1, 2012, the applicable interest rate will be 100% of the 417(e)(3) PPA Interest Rate. For certain contracts, including the core contract, conversion based on the prior lump basis will be available for retirement eligible employees with payment commencing prior to March 31, 2012.

For determining the minimum lump sum under 417(e)(3), the interest rate lookback month will be November of the year preceding distribution.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Pension band amounts

The tables on the following pages present Pension Band Amounts for various band numbers.

**Monthly pension band amounts
West Program*
(bands 104 to 125)**

Pension Band	Terminations				
	On or After 1/1/2012 and Before 1/1/2013	On or After 1/1/2013 and Before 1/1/2014	On or After 1/1/2014 and Before 1/1/2015	On or After 1/1/2015 and Before 1/1/2016	On or After 1/1/2016 and Before 1/1/2017
104	\$43.36	\$43.79	\$44.23	\$44.67	\$45.12
105	44.96	45.41	45.86	46.32	46.78
106	46.62	47.09	47.56	48.04	48.52
107	48.29	48.77	49.26	49.75	50.25
108	49.85	50.35	50.85	51.36	51.87
109	51.50	52.02	52.54	53.07	53.60
110	53.12	53.65	54.19	54.73	55.28
111	54.76	55.31	55.86	56.42	56.98
112	56.32	56.88	57.45	58.02	58.60
113	57.99	58.57	59.16	59.75	60.35
114	59.59	60.19	60.79	61.40	62.01
115	61.23	61.84	62.46	63.08	63.71
116	62.86	63.49	64.12	64.76	65.41
117	64.45	65.09	65.74	66.40	67.06
118	66.12	66.78	67.45	68.12	68.80
119	67.74	68.42	69.10	69.79	70.49
120	69.32	70.01	70.71	71.42	72.13
121	70.95	71.66	72.38	73.10	73.83
122	72.58	73.31	74.04	74.78	75.53
123	74.23	74.97	75.72	76.48	77.24
124	75.84	76.60	77.37	78.14	78.92
125	77.50	78.28	79.06	79.85	80.65

* Table applies to West Program core bargaining group, and IBEW 1269 – Pacific Bell Telephone Company.

**Monthly pension band amounts
West Program*
(bands 104 to 125)**

Pension Band	Terminations			
	On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019	On or After 1/1/2019 and Before 1/1/2020	On or After 1/1/2020
104	\$45.57	\$46.03	\$46.49	\$46.95
105	47.25	47.72	48.20	48.68
106	49.01	49.50	50.00	50.50
107	50.75	51.26	51.77	52.29
108	52.39	52.91	53.44	53.97
109	54.14	54.68	55.23	55.78
110	55.83	56.39	56.95	57.52
111	57.55	58.13	58.71	59.30
112	59.19	59.78	60.38	60.98
113	60.95	61.56	62.18	62.80
114	62.63	63.26	63.89	64.53
115	64.35	64.99	65.64	66.30
116	66.06	66.72	67.39	68.06
117	67.73	68.41	69.09	69.78
118	69.49	70.18	70.88	71.59
119	71.19	71.90	72.62	73.35
120	72.85	73.58	74.32	75.06
121	74.57	75.32	76.07	76.83
122	76.29	77.05	77.82	78.60
123	78.01	78.79	79.58	80.38
124	79.71	80.51	81.32	82.13
125	81.46	82.27	83.09	83.92

* Table applies to West Program core bargaining group, and IBEW 1269 – Pacific Bell Telephone Company.

Summary of Plan Provisions East Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any bargaining unit employee who is regularly employed by SNET will become a participant on the day after completing one year of Participation Service. Effective January 1, 2011 this program was closed to new hires and rehires hired on or after August 9, 2009.

Definitions

Participation service

Participation Service is calculated on an elapsed time basis

Vesting service

Vesting Service is calculated on an elapsed time basis. For actives on January 1, 2010, accrued benefits will now be vested after three years.

Credited service

For purposes of determining the participant's accrued benefit, Credited Service is computed based on elapsed time since date of hire and includes employment with a Participating Company. Under Interchange Agreements, service with certain Interchange Companies is also credited.

Pay

The sum of a participant's annualized base wage rate, differential pay, and commissions as of October of the previous Plan Year (or date of hire/rehire if later) during the current contract. The Eligible Pay for each year is limited by law to the IRC Section 401(a)(17) compensation limit. Lump sum awards added in 2004, 2006, 2007, 2008, and 2009 are Eligible Pay. Target incentive compensation and success sharing plan payments that are not contributed to an HRA are eligible pay effective November 1, 2010.

Accrued benefit

A monthly benefit, commencing at Normal Retirement Age, which is the actuarial equivalent of the Participant's Cash Balance Plan Account (CBPA).

Cash balance plan account (CBPA)

As of July 1, 1995, the Cash Balance Plan Account is set equal to the Opening Cash Balance Plan Account. Thereafter, the Cash Balance Plan Account earns interest credits, service credits and pay credits as follows:

■ **Interest credits**

Interest is credited to the Cash Balance Plan Account monthly. Prior to April 30, 2009, interest credits were based on the greater of i) an effective annual rate of 7% and ii) the GATT rate plus 150 basis points. For periods after April 30, 2009 and before December 1, 2010, the effective annual interest crediting rate was 4%. For periods after December 1, 2010 and before October 1, 2013, the effective annual interest crediting rate was the average 30-year Treasury bond yield for the month of November preceding the plan year. For periods after October 1, 2013, the effective annual interest crediting rate will be the greater of i) the average 30-year Treasury bond yield for the month of November preceding the plan year and ii) 4.00%.

■ **Service credits**

Service credits based on applicable Pay and Service Category are credited at the end of each month to the Cash Balance Plan Account. The Service Category is determined as of the beginning of each month. The Credited Service is only adjusted at year-end to reflect any additional service credited under the service bridging provisions of the Plan. For purposes of determining service credits, the determination is made by calculating actual years, months and days and raising any fractional days to a month.

■ **Additional credits**

An additional credit is credited during 2012 and 2013 to the Cash Balance Plan Account of certain participants based on Pay and Service Category.

Opening cash balance plan account

Equal to the sum of the cash balance account under prior plan provisions and the product of the following: (1) annualized core pension benefit as of July 1, 1995 and (2) an early retirement factor, if less than 30 years of service and (3) the applicable Cash Balance Plan Account conversion factor based on the participant's age as of July 1, 1995.

Enhanced pension benefit

Equal to the sum of the following: (1) annualized core pension benefit as of July 1, 1995 increased by 10% and (2) the cash balance account with interest credits under plan provisions as of July 1, 1995, increased by 10% and converted to an annuity. For a non-disabled participant with less than 30 years of service, the core pension benefit is reduced for commencement prior to age 55.

Service pension

Eligibility

Termination of employment after attaining age 65 with 10 years of Pension Eligibility Service, age 55 with 20 years of Pension Eligibility Service, age 50 with 25 years of Pension Eligibility Service or 30 years of Pension Eligibility Service, if terminated after September 17, 1998, otherwise termination of employment after attaining 90 age and service points. For purposes of determining benefit eligibility, the determination is made by summing actual years, months and days and raising any fractional days of the sum to a month.

Benefit

A lump sum benefit equal to the greatest of the Enhanced Pension Benefit times an immediate lump sum factor, the Cash Balance Plan Account, and the actuarial present value of the Accrued Benefit. In lieu of a lump sum benefit, a participant may receive an immediate monthly pension, payable for life, equal to the greater of the Enhanced Pension Benefit and the Accrued Benefit, reduced for commencement prior to Normal Retirement Age.

The Enhanced Pension Benefit is converted to a lump sum based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and an interest rate equal to the average 30 year Treasury bond yield for the month of November of the preceding calendar year, not to exceed 7.5%. The minimum lump sum benefit is the Enhanced Pension Benefit calculated as of July 1, 2001 based on an interest rate of 5.78%, GATT mortality, and the employee's age as of July 1, 2001.

For an employee who has completed either 30 years of service or is age 55 or older with 20 or more years of service, the immediate single life annuity monthly pension benefit is to be equal to the greater of the Enhanced Pension Benefit and the Cash Balance Plan Account converted to a lifetime annuity commencing at the participants Normal Retirement Age using the applicable plan factor at age 65. This provision was made permanent with the collectively bargained contract that was agreed to in 2004.

Date payments begin

The benefit commences no later than the 60th day following the end of the plan year of retirement, unless the participant elects otherwise.

Deferred vested pension

Eligibility

A Deferred Vested Pension is payable upon termination of employment after completing at least 3 years of Vesting Service, and before reaching eligibility for Service Pension.

Benefit

A lump sum benefit equal to the greatest of the Enhanced Pension Benefit times a deferred to age 65 lump sum factor, the Cash Balance Plan Account, and the actuarial present value of the Accrued Benefit. In lieu of a lump sum benefit, a participant may receive an immediate monthly pension, payable for life, equal to the greater of the Enhanced Pension Benefit, reduced for commencement prior to age 65 and the Accrued Benefit, reduced for commencement prior to Normal Retirement Age.

Date payments begin

Unless the participant elects otherwise, the benefit commences no later than the 60th day following the end of the plan year in which the participant reaches Normal Retirement Age or termination of service, if later.

Survivor spouse's benefit

Eligibility

Surviving spouse of an active vested participant in the event of the participant's death.

Benefit

The eligible spouse of an active participant who dies prior to Normal Retirement Age and before benefit payments commence is entitled to a lump sum benefit equal to the Cash Balance Account or the Enhanced Pension Benefit. Effective July 1, 2001, the Enhanced Pension Benefit will be converted to a lump sum based on GATT mortality and an interest rate equal to the average 30 year Treasury bond yield for the month of November of the preceding calendar year, not to exceed 7.5%. The minimum lump sum benefit will be the Enhanced Pension Benefit calculated as of July 1, 2001 based on an interest rate of 5.78%, GATT mortality, and the employee's age as of July 1, 2001.

In lieu of a lump sum, the eligible spouse may elect a life annuity equal to the greater of the following:

- a monthly pension equal to 45% of the Accrued Benefit or the Enhanced Pension Benefit as of March 31, 1995, reduced for commencement prior to the participant's Normal Retirement Age, or
- the actuarial equivalent of the Cash Balance Plan Account paid as a monthly annuity, based on the surviving spouse's age as of the date of death.

Death benefit if no surviving spouse

Eligibility

Death of an active vested participant that does not have a surviving spouse.

Benefit

The participant's estate is paid a lump sum death benefit equal to the Cash Balance Plan Account.

Lump sum death benefit

For participants hired prior to September 17, 1989, the Plan provides a Lump Sum Death Benefit equal to the annual basic rate of pay earned in the 12 month period ending on December 31, 1991, or date of retirement if earlier. This benefit is paid if an eligible active employee dies due to sickness or injury and is survived by an "Eligible Beneficiary" (spouse, dependent child, dependent parent, or registered domestic partner). The benefit is also paid if an eligible Disability or Service Pensioner dies and is survived by an Eligible Beneficiary. The benefit is not paid, however, if the eligible Disability or Service Pensioner has elected any portion of the pension benefit payable in the form of a lump sum. Effective December 31, 2012, retiree death benefits will not be paid from the pension trust for participants terminated prior to January 1, 2009. Effective December 31, 2016, retiree death benefits will not be paid from the pension trust for participants terminated prior to January 1, 2013.

Forms of payment

The normal form of payment for a participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 90% of the Accrued Benefit, with 45% of the Accrued Benefit continuing to the surviving spouse upon the earlier death of the Participant. If the spouse predeceases the participant that retired from the plan, the 10% reduction factor is removed for the future payments. The normal form with respect to all other participants is a single life annuity. Cash Balance Plan Accounts are converted to an annuity using the applicable plan factors.

In lieu of the normal form of retirement benefit, a married Participant may elect, with the proper spousal consent, to waive the qualified joint and survivor annuity and to receive a single life annuity or a 75% joint and survivor annuity. J&S options are with pop-up if service pension eligible.

In addition, in lieu of the normal form of retirement benefit, a participant may elect to receive a lump sum, partial lump sum or lump sum certain benefit.

Benefits not valued

No benefits are excluded that would materially affect the liabilities

Service credit

The table on the following page present annual Service Credit for various wage brackets.

**Cash balance plan service credit
East Program**

Pay Bracket	Years of Service							
	0-4	5-9	10-13	14-18	19-23	24-28	29-33	34+
Less Than \$20,000	\$500	\$600	\$700	\$850	\$1,050	\$1,400	\$1,500	\$1,600
\$20,000 to \$22,500	525	625	725	875	1,100	1,475	1,575	1,675
\$22,500 to \$25,000	600	700	825	1,000	1,225	1,650	1,775	1,875
\$25,000 to \$27,500	650	775	900	1,100	1,375	1,825	1,950	2,075
\$27,500 to \$30,000	725	850	975	1,200	1,500	2,000	2,150	2,300
\$30,000 to \$32,500	775	925	1,075	1,300	1,625	2,175	2,325	2,475
\$32,500 to \$35,000	850	1,000	1,150	1,400	1,750	2,350	2,525	2,700
\$35,000 to \$37,500	925	1,100	1,300	1,575	1,925	2,625	2,800	2,975
\$37,500 to \$40,000	1,050	1,250	1,450	1,775	2,200	2,975	3,175	3,375
\$40,000 to \$42,500	1,175	1,400	1,625	1,975	2,450	3,325	3,550	3,775
\$42,500 to \$45,000	1,300	1,550	1,800	2,200	2,725	3,675	3,925	4,200
\$45,000 to \$47,500	1,425	1,700	1,975	2,400	2,975	4,025	4,300	4,600
\$47,500 to \$50,000	1,550	1,825	2,150	2,600	3,250	4,375	4,675	5,000
\$50,000 to \$52,500	1,675	1,975	2,325	2,825	3,500	4,725	5,050	5,400
\$52,500 to \$55,000	1,800	2,125	2,475	3,025	3,775	5,075	5,425	5,800
\$55,000 to \$57,500	1,925	2,225	2,600	3,175	3,950	5,325	5,675	6,050
\$57,500 to \$60,000	1,975	2,325	2,725	3,325	4,125	5,575	5,950	6,350
\$60,000 to \$62,500	2,075	2,450	2,875	3,475	4,325	5,850	6,225	6,650
\$62,500 to \$65,000	2,175	2,550	2,975	3,625	4,500	6,075	6,500	6,950
\$65,000 to \$67,500	2,275	2,625	3,075	3,750	4,675	6,300	6,750	7,200
\$67,500 to \$70,000	2,375	2,750	3,200	3,900	4,875	6,550	7,025	7,500
\$70,000 to \$72,500	2,475	2,850	3,325	4,050	5,075	6,800	7,300	7,800
\$72,500 to \$75,000	2,575	2,950	3,450	4,200	5,250	7,050	7,550	8,075
\$75,000 to \$77,500	2,650	3,050	3,575	4,350	5,425	7,300	7,825	8,350

**Cash balance plan service credit
East Program**

Pay Bracket	Years of Service							
	0-4	5-9	10-13	14-18	19-23	24-28	29-33	34+
\$77,500 to \$80,000	\$2,750	\$3,150	\$3,675	\$4,475	\$5,600	\$7,525	\$8,075	\$8,625
\$80,000 to \$82,500	2,825	3,250	3,800	4,625	5,800	7,775	8,350	8,925
\$82,500 to \$85,000	2,925	3,350	3,925	4,775	5,975	8,025	8,600	9,200
\$85,000 to \$87,500	3,000	3,450	4,025	4,900	6,150	8,250	8,850	9,450
\$87,500 to \$90,000	3,100	3,550	4,150	5,050	6,325	8,500	9,125	9,750
\$90,000 to \$92,500	3,175	3,650	4,275	5,200	6,500	8,750	9,375	10,025
\$92,500 to \$95,000	3,275	3,750	4,400	5,350	6,700	9,000	9,650	10,325
\$95,000 to \$97,500	3,350	3,850	4,500	5,475	6,875	9,225	9,900	10,575
\$97,500 to \$100,000	3,450	3,950	4,625	5,625	7,050	9,475	10,150	10,850
\$100,000 to \$102,500	3,525	4,050	4,750	5,775	7,225	9,725	10,425	11,150
\$102,500 to \$105,000	3,625	4,150	4,850	5,900	7,425	9,950	10,675	11,400
\$105,000 to \$107,500	3,700	4,250	4,975	6,050	7,600	10,200	10,950	11,700
\$107,500 to \$110,000	3,800	4,375	5,100	6,200	7,775	10,450	11,200	11,975
\$110,000 to \$112,500	3,875	4,450	5,225	6,350	7,950	10,675	11,450	12,250
\$112,500 to \$115,000	3,975	4,550	5,325	6,500	8,125	10,925	11,725	12,525
\$115,000 to \$117,500	4,050	4,675	5,450	6,625	8,325	11,175	11,975	12,800
\$117,500 to \$120,000	4,150	4,775	5,575	6,775	8,500	11,425	12,250	13,100
\$120,000 to \$122,500	4,225	4,875	5,700	6,925	8,675	11,650	12,500	13,375
\$122,500 to \$125,000	4,325	4,975	5,800	7,075	8,850	11,900	12,750	13,625
\$125,000 to \$127,500	4,400	5,075	5,925	7,225	9,050	12,150	13,025	13,925
\$127,500 to \$130,000	4,500	5,175	6,050	7,350	9,225	12,375	13,275	14,200
\$130,000 to \$132,500	4,575	5,275	6,175	7,500	9,400	12,625	13,550	14,475
\$132,500 to \$135,000	4,675	5,375	6,275	7,650	9,575	12,875	13,800	14,750
\$135,000 to \$137,500	4,750	5,475	6,400	7,775	9,750	13,100	14,050	15,025
\$137,500 & Over	4,850	5,575	6,525	7,925	9,950	13,350	14,325	15,325

Summary of Plan Provisions

Midwest Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any bargained employee who is regularly employed by Ameritech will become a Participant on the latter of attaining age 21 or the day after completing one year of Service. Effective January 1, 2010 this program was closed to new hires and rehires in the Midwest Core CWA, Midwest Core IBEW, and CWA Global Services contracts hired on or after August 9, 2009. Effective April 1, 2010 this program was closed to new hires and rehires in the IBEW Global Services (Local 21, 58, 134) contracts hired on or after August 9, 2009. Effective June 1, 2011 this program was closed to new hires and rehires in the CWA Ameritech Publishing contract hired after January 1, 2011.

Definitions

Year of service

A Participant who completes 1,000 or more hours of service during a plan year, or during the first twelve months of employment, will be credited with a year of Service. Years of Service are used for determining participation and eligibility for benefits. Effective January 1, 2010, for active employees if any part of the accrued benefit is determined as a Cash Balance Account or DLS Account then the participant is vested after 3 years.

Years and months of service

For purposes of determining the Participant's Accrued Benefit, Years and Months of Service shall include employment with a Participating Company. Under Interchange Agreements, service with certain Interchange Companies is also credited.

Basic monthly pension benefit

Dollar amount corresponding to the Pension Band number shown in the Monthly Benefit Table for the pension band which applies to the Participant's job title, multiplied by the Participant's Years and Months of Service.

Target income replacement amount

Average income replacement of a 40-year service retiree for all jobs in Pension Bands 101-134, based on monthly benefit amounts, multiplied by the fraction of July Consumer Price Index (CPI) for year of retirement to 3-year average July CPI.

Supplemental pay

Bonus payments of \$250 in 2006, \$375 in 2007, and \$375 in 2008 will be included effective January 1, 2005.

Supplemental monthly pension benefit

Equal to the product of the following:

- average annual differentials, Supplemental Pay, Target incentive compensation (effective June 1, 2010), Success sharing plan payments that are not contributed to an HRA (for Ameritech Publishing effective June 1, 2011, for Midwest Core CWA effective January 1, 2013, and for Midwest Core IBEW effective January 1, 2014), and special payment for the last 36 months (include in charge allowances, extra payments for temporary assignments or temporary promotions, evening and night differentials, job differentials, and commissions for final account collection specialists),
- 0.001, and
- the employee's Years and Months of Service.

Special pension account (SPA)

Effective December 31, 1999, a special pension account (SPA) was created for all participants eligible to retire. The SPA was set equal to the lump sum value of the participant's December 31, 1999 retirement benefit assuming they retire on that date. Most participants accrued the SPA with interest to December 31, 2000 as of January 1, 2001. Interest was credited during 2000 based on the plan's lump sum conversion rate. Effective December 31, 2000, the SPA was set equal to the greater of the participant's SPA balance at December 31, 2000 and the lump sum value of the participant's December 31, 2000 retirement benefit assuming they retire on that date. During 2001, bargained participants accrued the SPA with interest to December 31, 2001 based on the plan's lump sum conversion rate. As of December 31, 2001, the SPA lump sum was frozen.

Service pension

Eligibility

Termination of employment after attaining age 65 with 10 years of Service, age 55 with 20 years of Service, age 50 with 25 years of Service or 30 years of Service.

Accrued benefit

A monthly benefit equal to the greater of the SPA, converted to an annuity, and the sum of the following:

- the Basic Monthly Pension Benefit, and
- the Supplemental Monthly Pension Benefit.

If the Participant was eligible for a Service Pension on December 31, 2000, the value of the Special Pension Account (SPA) is a minimum benefit.

Reduction

After meeting eligibility for a Service Pension, a Participant receives an immediate monthly pension, payable for life, equal to the Accrued Benefit, reduced for commencement prior to age 55. The reduction is ½% for each month prior to age 55 with less than 30 years of Service and is unreduced with 30 or more years of Service.

Lump sum benefit

A lump sum benefit is available equal to the Accrued Benefit, converted to a lump sum.

Date payments begin

The monthly pension commences on the first day of the month coinciding with or next following the date of retirement, unless the Participant elects otherwise, but no later than the month he turns 65.

Disability pension

Eligibility

An employee who has at least 15 years of Service and who becomes totally disabled prior to age 65.

Benefit

The Participant receives an immediate monthly pension, payable for life, equal to the Accrued Benefit based on Service and compensation as of the date of termination, without reduction for commencement prior to age 65

Date payments begin

Benefits begin immediately following termination of employment due to total disability. If disability occurs, after attaining Service Pension eligibility, the benefit is paid from the qualified trust. If disability occurs prior to attaining Service Pension eligibility, the benefit is paid from company operating funds until the Participant turns age 65, at which time the benefit is converted to a Service Pension and paid from the qualified Trust.

Deferred vested pension

Eligibility

Termination of employment after completing at least 5 years of Service, and before reaching eligibility for Service Pension. However, effective January 1, 2010, if any part of the accrued benefit is determined as a Cash Balance Account or DLS Account then the Participant is eligible after 3 years of Vesting Service.

Benefit

The monthly benefit, payable as a straight life annuity starting on the Participant's Normal Retirement Age (the later of age 65 or the fourth anniversary of plan participation), equals the Participant's Accrued Benefit on the date of termination. The benefit is actuarially reduced if commenced prior to Normal Retirement Age.

Date payments begin

A Participant who terminates employment eligible for a Deferred Vested Pension receives a benefit commencing at Normal retirement Age or at termination of service, if later. If the Participant has sufficient Service for early retirement eligibility, the Deferred Vested Pension may commence early when the Participant later meets the age requirements.

Surviving spouse's benefit

Eligibility

Surviving spouse of an active vested or deferred vested Participant in the event of the Participant's death.

Benefit

The eligible spouse of an active participant who dies prior to Normal Retirement Age and before benefit payments commence is entitled to one of the following benefits:

- If the participant dies with 3 or more years of Vesting Service, has less than 15 years of Pension Eligibility Service, and is not eligible for a Service Pension, the eligible spouse receives a deferred monthly survivor benefit for life beginning on the date the participant would have reached earliest eligibility to commence a Deferred Vested Pension. The benefit is computed as though the participant had left service on the date of death, survived until the earliest eligibility to commence a Deferred Vested Pension, retired at that time with the qualified survivor annuity option, and died the next day. In lieu of the monthly survivor benefit, a surviving spouse will have the option of electing to receive a lump sum actuarially equivalent to the deferred monthly survivor benefit.
- If the participant dies eligible for a Service Pension or with 15 years of Pension Eligibility Service, a surviving spouse receives a monthly survivor pension payable for life equal to 45% of the Accrued Benefit. The spouse's benefit will commence on the first day of the month following the participant's date of death. In lieu of the monthly survivor benefit, a surviving spouse will have the option of electing to receive a lump sum actuarially equivalent to the monthly survivor benefit.

Death benefit if no surviving spouse

Eligibility

For CWA or IBEW members under the core contracts and API and APIL bargaining units, death of an active vested or deferred vested Participant that does not have a surviving spouse.

Lump sum benefit

A lump sum actuarially equivalent to the surviving spouse benefit based on the employee's date of birth.

Lump sum death benefit

The Plan provides a Lump Sum Death Benefit equal to the wages earned in the 12-month period ending on the month of death. This benefit is paid if an eligible active employee dies due to sickness or non-job-related injury and is survived by an “Eligible Beneficiary” (spouse, dependent child, dependent parent, or registered domestic partner). The benefit is also paid if an eligible Disability or Service Pensioner dies and is survived by an Eligible Beneficiary. API employees hired on or after January 1, 1991 will not be entitled to any death benefits while active or upon retirement. All other company employees hired on or after January 1, 1993 will not be entitled to any death benefits upon retirement. Effective December 31, 2012, retiree death benefits will not be paid from the pension trust for participants terminated prior to January 1, 2009. Effective December 31, 2016, retiree death benefits will not be paid from the pension trust for participants terminated prior to January 1, 2013.

Forms of payment

The normal form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 90% of the Accrued Benefit, with 45% of the Accrued Benefit continuing to the surviving spouse upon the earlier death of the Participant. If the spouse predeceases the Participant that retired from the plan, the 10% reduction factor is removed for the future payments. The normal form with respect to all other Participants is a single life annuity.

In lieu of the normal form of retirement benefit, a married Participant may elect, with the proper spousal consent, to waive the qualified joint and survivor annuity and to receive an actuarial equivalent retirement benefit in the form of a single life annuity, a 75% joint and survivor annuity, or a 100% joint and survivor annuity. J&S options are with pop-up if service pension eligible.

A Participant may also elect to receive a lump sum. Benefits will be converted to lump sums based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and an interest rate equal to the average 30-year Treasury bond yield for the month of November of the preceding year. Effective January 1, 2012, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality. The applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate phased-in at 25% per year over four years beginning January 1, 2012. The applicable interest rate lookback month will be the November of the prior year. For certain contracts, including the core contract, conversion based on the prior lump basis will be available for retirement eligible employees with payment commencing prior to March 31, 2012.

For determining the minimum lump sum under 417(e)(3), the interest rate lookback month will be November of the year preceding distribution.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Pension band amounts

The table on the following page presents Pension Band Amounts for various band numbers.

**Monthly pension band amounts
Midwest Program: CWA District 4*
(bands 200 to 233)**

Pension Band	Terminations			Pension Bands	Terminations		
	On or after 1/1/2013 and before 1/1/2014	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 1/1/2016		On or after 1/1/2013 and before 1/1/2014	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 1/1/2016
200A	\$28.87	\$29.16	\$29.45	216	\$64.55	\$65.20	\$65.85
200B	30.87	31.18	31.49	217	66.41	67.07	67.74
200C	32.85	33.18	33.51	218	68.27	68.95	69.64
201	34.86	35.21	35.56	219	70.11	70.81	71.52
202	36.81	37.18	37.55	220	71.93	72.65	73.38
203	38.79	39.18	39.57	221	73.76	74.50	75.25
204	40.80	41.21	41.62	222	75.56	76.32	77.08
205	42.78	43.21	43.64	223	77.37	78.14	78.92
206	44.80	45.25	45.70	224	79.18	79.97	80.77
207	46.79	47.26	47.73	225	80.93	81.74	82.56
208	48.78	49.27	49.76	226	82.91	83.74	84.58
209	50.77	51.28	51.79	227	84.84	85.69	86.55
210	52.70	53.23	53.76	228	86.83	87.70	88.58
211	54.72	55.27	55.82	229	88.75	89.64	90.54
212	56.74	57.31	57.88	230	90.72	91.63	92.55
213	58.74	59.33	59.92	231	92.67	93.60	94.54
214	60.72	61.33	61.94	232	94.62	95.57	96.53
215	62.70	63.33	63.96	233	96.56	97.53	98.51

* Excluding SBC Global Services.

**Monthly pension band amounts
Midwest Program: CWA District 4*
(bands 200 to 233)**

Pension Band	Terminations			Pension Bands	Terminations		
	On or after 1/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018	On or after 1/1/2018		On or after 1/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018	On or after 1/1/2018
200A	\$29.74	\$30.04	\$30.34	216	\$66.51	\$67.18	\$67.85
200B	31.80	32.12	32.44	217	68.42	69.10	69.79
200C	33.85	34.19	34.53	218	70.34	71.04	71.75
201	35.92	36.28	36.64	219	72.24	72.96	73.69
202	37.93	38.31	38.69	220	74.11	74.85	75.60
203	39.97	40.37	40.77	221	76.00	76.76	77.53
204	42.04	42.46	42.88	222	77.85	78.63	79.42
205	44.08	44.52	44.97	223	79.71	80.51	81.32
206	46.16	46.62	47.09	224	81.58	82.40	83.22
207	48.21	48.69	49.18	225	83.39	84.22	85.06
208	50.26	50.76	51.27	226	85.43	86.28	87.14
209	52.31	52.83	53.36	227	87.42	88.29	89.17
210	54.30	54.84	55.39	228	89.47	90.36	91.26
211	56.38	56.94	57.51	229	91.45	92.36	93.28
212	58.46	59.04	59.63	230	93.48	94.41	95.35
213	60.52	61.13	61.74	231	95.49	96.44	97.40
214	62.56	63.19	63.82	232	97.50	98.48	99.46
215	64.60	65.25	65.90	233	99.50	100.50	101.51

* Excluding SBC Global Services.

**Monthly pension band amounts
Midwest Program: IBEW*
(bands 200 to 233)**

Pension Band	Terminations			Pension Bands	Terminations		
	On or After 1/1/2016 and Before 1/1/2017	On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019		On or After 1/1/2016 and Before 1/1/2017	On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019
200A	\$29.45	\$29.74	\$30.04	216	\$65.85	\$66.51	\$67.18
200B	31.49	31.80	32.12	217	67.74	68.42	69.10
200C	33.51	33.85	34.19	218	69.64	70.34	71.04
201	35.56	35.92	36.28	219	71.52	72.24	72.96
202	37.55	37.93	38.31	220	73.38	74.11	74.85
203	39.57	39.97	40.37	221	75.25	76.00	76.76
204	41.62	42.04	42.46	222	77.08	77.85	78.63
205	43.64	44.08	44.52	223	78.92	79.71	80.51
206	45.70	46.16	46.62	224	80.77	81.58	82.40
207	47.73	48.21	48.69	225	82.56	83.39	84.22
208	49.76	50.26	50.76	226	84.58	85.43	86.28
209	51.79	52.31	52.83	227	86.55	87.42	88.29
210	53.76	54.30	54.84	228	88.58	89.47	90.36
211	55.82	56.38	56.94	229	90.54	91.45	92.36
212	57.88	58.46	59.04	230	92.55	93.48	94.41
213	59.92	60.52	61.13	231	94.54	95.49	96.44
214	61.94	62.56	63.19	232	96.53	97.50	98.48
215	63.96	64.60	65.25	233	98.51	99.50	100.50

* Excluding SBC Global Services.

**Monthly pension band amounts
Midwest Program: IBEW*
(bands 200 to 233)**

Pension Band	Terminations				Pension Bands	Terminations			
	On or After 1/1/2019 and Before 1/1/2020	On or After 1/1/2020 and Before 1/1/2021	On or After 1/1/2021 and Before 1/1/2022	On or After 1/1/2022		On or After 1/1/2019 and Before 1/1/2020	On or After 1/1/2020 and Before 1/1/2021	On or After 1/1/2021 and Before 1/1/2022	On or After 1/1/2022
200A	\$30.34	\$30.64	\$30.95	\$31.26	216	\$67.85	\$68.53	\$69.22	\$69.91
200B	32.44	32.76	33.09	33.42	217	69.79	70.49	71.19	71.90
200C	34.53	34.88	35.23	35.58	218	71.75	72.47	73.19	73.92
201	36.64	37.01	37.38	37.75	219	73.69	74.43	75.17	75.92
202	38.69	39.08	39.47	39.86	220	75.60	76.36	77.12	77.89
203	40.77	41.18	41.59	42.01	221	77.53	78.31	79.09	79.88
204	42.88	43.31	43.74	44.18	222	79.42	80.21	81.01	81.82
205	44.97	45.42	45.87	46.33	223	81.32	82.13	82.95	83.78
206	47.09	47.56	48.04	48.52	224	83.22	84.05	84.89	85.74
207	49.18	49.67	50.17	50.67	225	85.06	85.91	86.77	87.64
208	51.27	51.78	52.30	52.82	226	87.14	88.01	88.89	89.78
209	53.36	53.89	54.43	54.97	227	89.17	90.06	90.96	91.87
210	55.39	55.94	56.50	57.07	228	91.26	92.17	93.09	94.02
211	57.51	58.09	58.67	59.26	229	93.28	94.21	95.15	96.10
212	59.63	60.23	60.83	61.44	230	95.35	96.30	97.26	98.23
213	61.74	62.36	62.98	63.61	231	97.40	98.37	99.35	100.34
214	63.82	64.46	65.10	65.75	232	99.46	100.45	101.45	102.46
215	65.90	66.56	67.23	67.90	233	101.51	102.53	103.56	104.60

* Excluding SBC Global Services.

**Monthly pension band amounts
SBC Global Services, Inc.*
(bands 306 to 322)**

Pension Band	Terminations							
	On or After 1/1/2015 and Before 1/1/2016	On or After 1/1/2016 and Before 1/1/2017	On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019	On or After 1/1/2019 and Before 1/1/2020	On or After 1/1/2020 and Before 1/1/2021	On or After 1/1/2021 and Before 1/1/2022	On or After 1/1/2022
306	\$40.10	\$40.50	\$40.91	\$41.32	\$41.73	\$42.15	\$42.57	\$43.00
316	57.80	58.38	58.96	59.55	60.15	60.75	61.36	61.97
318	61.11	61.72	62.34	62.96	63.59	64.23	64.87	65.52
319	62.76	63.39	64.02	64.66	65.31	65.96	66.62	67.29
322	67.62	68.30	68.98	69.67	70.37	71.07	71.78	72.50

*Table applies to IBEW Local 58

**Monthly pension band amounts
SBC Global Services, Inc.*
(band 528)**

Pension Band	Terminations							
	On or After 1/1/2015 and Before 1/1/2016	On or After 1/1/2016 and Before 1/1/2017	On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019	On or After 1/1/2019 and Before 1/1/2020	On or After 1/1/2020 and Before 1/1/2021	On or After 1/1/2021 and	On or After 1/1/2022
528	\$71.85	\$72.57	\$73.30	\$74.03	\$74.77	\$75.52	\$76.28	\$77.04

*Table applies to IBEW Local 134

**Monthly pension band amounts
SBC Global Services, Inc.*
(bands 601 to 633)**

Pension Band	Terminations				Pension Bands	Terminations			
	On or After 1/1/2015 and Before 1/1/2016	On or After 1/1/2016 and Before 1/1/2017	On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019		On or After 1/1/2015 and Before 1/1/2016	On or After 1/1/2016 and Before 1/1/2017	On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019
601	\$30.07	\$30.37	\$30.67	\$30.98	618	\$58.90	\$59.49	\$60.08	\$60.68
602	31.77	32.09	32.41	32.73	619	60.48	61.08	61.69	62.31
603	33.48	33.81	34.15	34.49	620	62.06	62.68	63.31	63.94
604	35.21	35.56	35.92	36.28	621	63.64	64.28	64.92	65.57
605	36.93	37.30	37.67	38.05	622	65.18	65.83	66.49	67.15
606	38.64	39.03	39.42	39.81	623	66.74	67.41	68.08	68.76
607	40.38	40.78	41.19	41.60	624	68.30	68.98	69.67	70.37
608	42.09	42.51	42.94	43.37	625	69.84	70.54	71.25	71.96
609	43.79	44.23	44.67	45.12	626	71.54	72.26	72.98	73.71
610	45.51	45.97	46.43	46.89	627	73.20	73.93	74.67	75.42
611	47.23	47.70	48.18	48.66	628	74.90	75.65	76.41	77.17
612	48.93	49.42	49.91	50.41	629	76.56	77.33	78.10	78.88
613	50.66	51.17	51.68	52.20	630	78.25	79.03	79.82	80.62
614	52.39	52.91	53.44	53.97	631	79.95	80.75	81.56	82.38
615	54.11	54.65	55.20	55.75	632	81.62	82.44	83.26	84.09
616	55.71	56.27	56.83	57.40	633	83.31	84.14	84.98	85.83
617	57.30	57.87	58.45	59.03					

*Table applies to IBEW Local 21

**Monthly pension band amounts
SBC Global Services, Inc.*
(bands 601 to 633)**

Pension Band	Terminations				Pension Bands	Terminations			
	On or After 1/1/2019 and Before 1/1/2020	On or After 1/1/2020 and Before 1/1/2021	On or After 1/1/2021 and Before 1/1/2022	On or After 1/1/2022		On or After 1/1/2019 and Before 1/1/2020	On or After 1/1/2020 and Before 1/1/2021	On or After 1/1/2021 and Before 1/1/2022	On or After 1/1/2022
601	\$31.29	\$31.60	\$31.92	\$32.24	618	\$61.29	\$61.90	\$62.52	\$63.15
602	33.06	33.39	33.72	34.06	619	62.93	63.56	64.20	64.84
603	34.83	35.18	35.53	35.89	620	64.58	65.23	65.88	66.54
604	36.64	37.01	37.38	37.75	621	66.23	66.89	67.56	68.24
605	38.43	38.81	39.20	39.59	622	67.82	68.50	69.19	69.88
606	40.21	40.61	41.02	41.43	623	69.45	70.14	70.84	71.55
607	42.02	42.44	42.86	43.29	624	71.07	71.78	72.50	73.23
608	43.80	44.24	44.68	45.13	625	72.68	73.41	74.14	74.88
609	45.57	46.03	46.49	46.95	626	74.45	75.19	75.94	76.70
610	47.36	47.83	48.31	48.79	627	76.17	76.93	77.70	78.48
611	49.15	49.64	50.14	50.64	628	77.94	78.72	79.51	80.31
612	50.91	51.42	51.93	52.45	629	79.67	80.47	81.27	82.08
613	52.72	53.25	53.78	54.32	630	81.43	82.24	83.06	83.89
614	54.51	55.06	55.61	56.17	631	83.20	84.03	84.87	85.72
615	56.31	56.87	57.44	58.01	632	84.93	85.78	86.64	87.51
616	57.97	58.55	59.14	59.73	633	86.69	87.56	88.44	89.32
617	59.62	60.22	60.82	61.43					

*Table applies to IBEW Local 21

**Monthly pension band amounts
CWA District 4 (SBC Global Services, Inc.)
(bands 701 to 733)**

Pension Band	Terminations			Pension Band	Terminations		
	On or after 1/1/2013 and before 1/1/2014	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 1/1/2016		On or after 1/1/2013 and before 1/1/2014	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 1/1/2016
701	\$37.97	\$38.35	\$38.73	718	\$74.39	\$75.13	\$75.88
702	40.12	40.52	40.93	719	76.39	77.15	77.92
703	42.27	42.69	43.12	720	78.38	79.16	79.95
704	44.46	44.90	45.35	721	80.38	81.18	81.99
705	46.64	47.11	47.58	722	82.32	83.14	83.97
706	48.79	49.28	49.77	723	84.28	85.12	85.97
707	50.97	51.48	51.99	724	86.22	87.08	87.95
708	53.13	53.66	54.20	725	88.19	89.07	89.96
709	55.29	55.84	56.40	726	90.32	91.22	92.13
710	57.42	57.99	58.57	727	92.47	93.39	94.32
711	59.65	60.25	60.85	728	94.58	95.53	96.49
712	61.81	62.43	63.05	729	96.67	97.64	98.62
713	63.97	64.61	65.26	730	98.82	99.81	100.81
714	66.16	66.82	67.49	731	100.94	101.95	102.97
715	68.31	68.99	69.68	732	103.05	104.08	105.12
716	70.33	71.03	71.74	733	105.19	106.24	107.30
717	72.36	73.08	73.81				

**Monthly pension band amounts
CWA District 4 (SBC Global Services, Inc.)
(bands 701 to 733)**

Pension Band	Terminations			Pension Band	Terminations		
	On or after 1/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018	On or after 1/1/2019		On or after 1/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018	On or after 1/1/2019
701	\$39.12	\$39.51	\$39.91	718	\$76.64	\$77.41	\$78.18
702	41.34	41.75	42.17	719	78.70	79.49	80.28
703	43.55	43.99	44.43	720	80.75	81.56	82.38
704	45.80	46.26	46.72	721	82.81	83.64	84.48
705	48.06	48.54	49.03	722	84.81	85.66	86.52
706	50.27	50.77	51.28	723	86.83	87.70	88.58
707	52.51	53.04	53.57	724	88.83	89.72	90.62
708	54.74	55.29	55.84	725	90.86	91.77	92.69
709	56.96	57.53	58.11	726	93.05	93.98	94.92
710	59.16	59.75	60.35	727	95.26	96.21	97.17
711	61.46	62.07	62.69	728	97.45	98.42	99.40
712	63.68	64.32	64.96	729	99.61	100.61	101.62
713	65.91	66.57	67.24	730	101.82	102.84	103.87
714	68.16	68.84	69.53	731	104.00	105.04	106.09
715	70.38	71.08	71.79	732	106.17	107.23	108.30
716	72.46	73.18	73.91	733	108.37	109.45	110.54
717	74.55	75.30	76.05				

Summary of Plan Provisions

AT&T Legacy Bargained Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any (i) U.S. employee represented by a union which agrees to the pension plan, (ii) U.S. nonsalaried employee whose position is subject to wage progression or who is paid weekly or biweekly, (iii) U.S. nonsalaried employee temporarily promoted to a salaried management position, (iv) salaried-graded employee, or (v) occupational employee in a sales commission plan, who is employed by an AT&T Corp. Participating Company becomes a participant immediately upon attaining at least age 21. Effective January 1, 2010 this program was closed to new hires and rehires in the IBEW AT&T Core Contract hired on or after August 9, 2009. Effective April 1, 2010 this program was closed to new hires and rehires in the CWA AT&T Core Contract hired on or after August 9, 2009.

Definitions

Vesting service

A year of Vesting Service is earned for every calendar year in which an employee is credited with 1,000 hours of service. Vesting Service does not begin until the year of the employee's 18th birthday. An employee is credited with 50 hours of service for any week in which the employee completes at least one hour. For actives on January 1, 2010, accrued benefits will be vested after three years.

Net credited service

Net Credited Service (NCS) includes years, months and days of employment with a Participating Company. Under Interchange Agreements, service with certain Interchange Companies is also credited.

Service pension eligible

Attainment of age 65 with 10 years of Net Credited Service, attainment of age 55 with 20 years of Net Credited Service, attainment of age 50 with 25 years of Net Credited Service, or attainment of any age with 30 years of Net Credited Service.

Pension band formula

Under the pension band formula, the benefit is frozen as of September 30, 1998 unless a participant has 15 or more years of Net Credited Service on June 30, 1998 and was on the active roll of a Participating Company on May 10, 1998. The pension band formula benefit is the sum of a basic monthly pension benefit and a supplemental monthly pension benefit, if applicable. The basic monthly pension benefit is the monthly benefit factor from the Pension Band Amount shown in the tables for the pension band which applies to the participant's job title multiplied by Net Credited Service. Special rules apply for certain promotions and demotions. The supplemental monthly pension benefit is (i) x (ii) x (iii), where (i) is average annual supplemental pay for the final three years prior to termination or freeze, (ii) is 0.001, and (iii) Net Credited Service at termination or freeze. Success Sharing Plan Payments that are not contributed to an HRA are included in supplemental pay for CWA employees as of January 1, 2013 and for IBEW employees as of January 1, 2014.

Crediting period

Under the Cash Balance formula, the crediting period is the calendar year commencing January 1, 2000. The initial crediting period was July 1, 1998 through June 30, 1999. The six-month period July 1, 1999 through December 31, 1999 was used as a crediting period. When a pension begins, the last crediting period ends the last day of the month prior to benefit commencement.

Cash balance account

For active participants on both May 10, 1998 and July 1, 1999, the conversion credit is equal to $\{[(i) \times (ii)] + (iii)\} \times (iv)$, where (i) is the pension band amount as of July 1, 1998, (ii) is Net Credited Service as of June 30, 1998, (iii) is any supplemental pension benefit as of June 30, 1998, and (iv) is the conversion factor. The Cash Balance Account as of July 1, 1999 is the conversion credit plus an interest credit of 7% for July 1, 1998 through June 30, 1999 and the pension band credit and differential pay credit, if any, for July 1, 1998 through June 30, 1999. The Cash Balance Account earns interest credits, pension band credits, differential pay credits (if applicable), special promotion credits (if applicable), and additional credits (if applicable) as follows:

■ Interest credits

Effective January 1, 2010 for CWA employees (and CWA NMNUs) active on August 8, 2009, interest is to be credited to the Cash Balance Account at the 30-year Treasury annual rate as of the November preceding the plan year. For July 1, 1998 through December 31, 2002, the interest crediting rate was 7%, for 2003 the interest crediting rate was 5.5%, for 2004 through 2005 the interest crediting rate was 4.5%, and for 2005 through 2009 the interest crediting rate was 4%. IBEW employees continue to earn 4% interest. Effective January 1, 2013, the Interest Crediting Rate for participants represented by the CWA and nonmanagement nonunion participants shall not be less than 3.75%.

■ Pension band credits

The Pension Band Credit is based on the pension band credit amounts shown in the tables and Net Credited Service (in whole years) as of the end of the crediting period. The pension band credit will be adjusted for part-time work, less than 12 months of work or changes in pension band during a crediting period.

■ **Differential pay credits**

The Differential Pay Credit equals a credit for each \$100 of differential pay, if any, received during a crediting period. Effective June 1, 2010 target incentive compensation is included. Effective December 31, 2012, Success Sharing Plan Payments that are not contributed to an HRA are included. The credit is shown in the following table:

NCS (in whole years)	Differential pay credit
0-4	\$3.00
5-9	\$3.50
10-14	\$4.00
15-19	\$5.00
20-24	\$6.00
25-29	\$7.00
30-34	\$8.50
35 & over	\$10.00

■ **Special promotion credits**

The Special Promotion Credit is added to an account on June 30 or December 31 (special promotion crediting date) for promotions if the participant works in the higher pension band until the next special promotion crediting date that is at least six months after the promotion. The credit is the difference between the higher pension band credit and the lower pension band credit multiplied by Net Credited Service on the special promotion crediting date.

■ **Additional credits**

On January 1, 2013, an additional credit was added to the account of certain participants represented by the Communications Workers of America. The additional credit is \$9,900 for those at least age 60 with at least 15 years of service as of April 8, 2012; \$8,400 for those at least age 55 and less than 60 with at least 15 years of service as of April 8, 2012; and \$2,400 for all others eligible for the credit.

Participants represented by the CWA (AT&T Corp. Core Contract) who are at least age 55 with 15 years of service on January 1, 2016 shall receive a one-time credit in the amount of \$3,700, provided that these participants did not receive an additional 2013 Cash Balance Credit in the amount of \$6,000 or \$7,500.

Pension benefit

The pension benefit is, in general, determined under the Cash Balance formula. For participants with a Pension Band formula benefit, the pension benefit is the greater of this benefit or the Cash Balance formula benefit, based on age at commencement and the form of benefit elected.

Cash balance formula benefit

The Cash Balance formula monthly accrued benefit is calculated by projecting the current Cash Balance Account to the Normal Retirement Date using the current schedule of Interest Crediting Rates and then dividing by the applicable Simplified Monthly Payment Factor at the Normal Retirement Age. For benefit commencement prior to Normal Retirement Age, early retirement factors based on benefit commencement age and calendar year of commencement from the plan document are applied.

- **Eligibility**

Upon termination if vested.

- **Date payments begin**

At or after termination but not later than Normal Retirement Date. Any annuity form must commence at the same time the Cash Payment option is elected.

Pension band formula benefit

The Pension Band Formula monthly benefit is unreduced if it commences at or after age 55. Prior to age 55, it is reduced 0.5% each month commencement is prior to age 55 if Net Credited Service is less than 30 years. There is no reduction if commencement is prior to age 55 if Net Credited Service is at least 30 years.

- **Eligibility**

Upon termination if vested.

- **Date payments begin**

At or after termination but not later than Normal Retirement Age.

Surviving spouse's benefit

Eligibility

Surviving spouse of an active vested or deferred vested participant in the event of the participant's death.

Annuity benefit if participant active at death

Greatest of (i) Single life annuity derived from the Cash Balance Account, (ii) 50% of the greater of the Pension Band Formula Benefit reduced as though the participant had terminated on the date of death and elected the 50% J&S or (iii) the same as (ii) without reduction if active participant as of May 10, 1998 and as of June 30, 1999 had at least 15 years of Net Credited Service or was Service Pension Eligible.

Annuity benefit if participant not active at death

Greater of (i) Single life annuity derived from the Cash Balance Account or (ii) 50% of the greater of the Pension Band Benefit reduced as though the participant had terminated on the date of death and elected the 50% J&S. Benefits paid to a surviving spouse on behalf of participants who terminated employment before September 30, 1998 will be reduced for each year of pre-retirement death coverage, unless coverage has been waived.

Death benefit if no surviving spouse

Eligibility

Death of an active vested or deferred vested participant that does not have a surviving spouse.

Lump sum benefit

The full balance of the Cash Balance Account is paid to the estate.

Pensioner death benefit

Eligibility

Death of a former employee who retired before July 1, 1999 or was active as of May 10, 1998, who retires prior to January 1, 2008 and is Service Pension Eligible, who has at least 15 years of Net Credited Service, who has an Eligible Beneficiary, and who is receiving monthly benefits at death. Special rules apply to transfers and rehires. Effective December 31, 2012, retiree death benefits will not be paid from the pension trust.

Lump sum benefit

One times base pay plus pension-includable differentials in effect as of the earlier of termination and June 30, 1999.

Forms of payment

The normal form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 92% of the Accrued Benefit, with 46% of the Accrued Benefit continuing to the surviving spouse upon the earlier death of the Participant. If the spouse predeceases the Participant that retired from the plan, the 8% reduction factor is removed for the future payments. The normal form with respect to all other Participants is a single life annuity.

In lieu of the normal form of retirement benefit, a married Participant may elect, with the proper spousal consent, to waive the qualified joint and survivor annuity and to receive an actuarial equivalent retirement benefit in the form of a single life annuity, a 75% or 100% joint and survivor annuity or single life annuity with 10-years certain J&S options are with pop-up.

The cash balance account can also be received as a lump sum, subject to IRC Section 417(e).

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

**Monthly pension band amounts
AT&T Legacy Bargained Program: CWA
(bands 101 to 135)**

Pension Band	Terminations			Pension Band	Terminations		
	On or after 1/1/2013 and before 1/1/2014	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 1/1/2016		On or after 1/1/2013 and before 1/1/2014	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 1/1/2016
101	\$38.00	\$38.38	\$38.76	119	\$66.88	\$67.55	\$68.23
102	39.59	39.99	40.39	120	68.46	69.14	69.83
103	41.21	41.62	42.04	121	70.05	70.75	71.46
104	42.78	43.21	43.64	122	71.69	72.41	73.13
105	44.41	44.85	45.30	123	73.25	73.98	74.72
106	46.02	46.48	46.94	124	74.88	75.63	76.39
107	47.67	48.15	48.63	125	76.51	77.28	78.05
108	49.25	49.74	50.24	126	78.08	78.86	79.65
109	50.87	51.38	51.89	127	79.69	80.49	81.29
110	52.45	52.97	53.50	128	81.28	82.09	82.91
111	54.07	54.61	55.16	129	82.89	83.72	84.56
112	55.64	56.20	56.76	130	84.49	85.33	86.18
113	57.27	57.84	58.42	131	86.11	86.97	87.84
114	58.84	59.43	60.02	132	87.70	88.58	89.47
115	60.46	61.06	61.67	133	89.29	90.18	91.08
116	62.08	62.70	63.33	134	90.95	91.86	92.78
117	63.66	64.30	64.94	135	92.50	93.43	94.36
118	65.28	65.93	66.59				

**Monthly pension band amounts
AT&T Legacy Bargained Program: CWA
(bands 101 to 135)**

Pension Band	Terminations			Pension Band	Terminations		
	On or after 1/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018	On or after 1/1/2018		On or after 1/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018	On or after 1/1/2018
101	\$39.15	\$39.54	\$39.94	119	\$68.91	\$69.60	\$70.30
102	40.79	41.20	41.61	120	70.53	71.24	71.95
103	42.46	42.88	43.31	121	72.17	72.89	73.62
104	44.08	44.52	44.97	122	73.86	74.60	75.35
105	45.75	46.21	46.67	123	75.47	76.22	76.98
106	47.41	47.88	48.36	124	77.15	77.92	78.70
107	49.12	49.61	50.11	125	78.83	79.62	80.42
108	50.74	51.25	51.76	126	80.45	81.25	82.06
109	52.41	52.93	53.46	127	82.10	82.92	83.75
110	54.04	54.58	55.13	128	83.74	84.58	85.43
111	55.71	56.27	56.83	129	85.41	86.26	87.12
112	57.33	57.90	58.48	130	87.04	87.91	88.79
113	59.00	59.59	60.19	131	88.72	89.61	90.51
114	60.62	61.23	61.84	132	90.36	91.26	92.17
115	62.29	62.91	63.54	133	91.99	92.91	93.84
116	63.96	64.60	65.25	134	93.71	94.65	95.60
117	65.59	66.25	66.91	135	95.30	96.25	97.21
118	67.26	67.93	68.61				

**Monthly pension band amounts
AT&T Legacy Bargained Program: IBEW
(bands 101 to 135)**

Pension Band	Terminations			Pension Band	Terminations		
	On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019	On or After 1/1/2019 and Before 1/1/2020		On or After 1/1/2017 and Before 1/1/2018	On or After 1/1/2018 and Before 1/1/2019	On or After 1/1/2019 and Before 1/1/2020
101	\$39.15	\$39.54	\$39.94	119	\$68.91	\$69.60	\$70.30
102	40.79	41.20	41.61	120	70.53	71.24	71.95
103	42.46	42.88	43.31	121	72.17	72.89	73.62
104	44.08	44.52	44.97	122	73.86	74.60	75.35
105	45.75	46.21	46.67	123	75.47	76.22	76.98
106	47.41	47.88	48.36	124	77.15	77.92	78.70
107	49.12	49.61	50.11	125	78.83	79.62	80.42
108	50.74	51.25	51.76	126	80.45	81.25	82.06
109	52.41	52.93	53.46	127	82.10	82.92	83.75
110	54.04	54.58	55.13	128	83.74	84.58	85.43
111	55.71	56.27	56.83	129	85.41	86.26	87.12
112	57.33	57.90	58.48	130	87.04	87.91	88.79
113	59.00	59.59	60.19	131	88.72	89.61	90.51
114	60.62	61.23	61.84	132	90.36	91.26	92.17
115	62.29	62.91	63.54	133	91.99	92.91	93.84
116	63.96	64.60	65.25	134	93.71	94.65	95.60
117	65.59	66.25	66.91	135	95.30	96.25	97.21
118	67.26	67.93	68.61				

**Monthly pension band amounts
AT&T Legacy Bargained Program: IBEW
(bands 101 to 135)**

Pension Band	Terminations			Pension Band	Terminations		
	On or After 1/1/2020 and Before 1/1/2021	On or After 1/1/2021 and Before 1/1/2022	On or After 1/1/2022		On or After 1/1/2020 and Before 1/1/2021	On or After 1/1/2021 and Before 1/1/2022	On or After 1/1/2022
101	\$40.34	\$40.74	\$41.15	119	\$71.00	\$71.71	\$72.43
102	42.03	42.45	42.87	120	72.67	73.40	74.13
103	43.74	44.18	44.62	121	74.36	75.10	75.85
104	45.42	45.87	46.33	122	76.10	76.86	77.63
105	47.14	47.61	48.09	123	77.75	78.53	79.32
106	48.84	49.33	49.82	124	79.49	80.28	81.08
107	50.61	51.12	51.63	125	81.22	82.03	82.85
108	52.28	52.80	53.33	126	82.88	83.71	84.55
109	53.99	54.53	55.08	127	84.59	85.44	86.29
110	55.68	56.24	56.80	128	86.28	87.14	88.01
111	57.40	57.97	58.55	129	87.99	88.87	89.76
112	59.06	59.65	60.25	130	89.68	90.58	91.49
113	60.79	61.40	62.01	131	91.42	92.33	93.25
114	62.46	63.08	63.71	132	93.09	94.02	94.96
115	64.18	64.82	65.47	133	94.78	95.73	96.69
116	65.90	66.56	67.23	134	96.56	97.53	98.51
117	67.58	68.26	68.94	135	98.18	99.16	100.15
118	69.30	69.99	70.69				

Pension band credits
AT&T Legacy Bargained Program: CWA
(bands 101 to 118)

Pension Band	On or after 1/1/2012 and Before 1/1/2016							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,061	\$1,240	\$1,414	\$1,767	\$2,122	\$2,481	\$3,008	\$3,536
102	1,098	1,284	1,470	1,835	2,202	2,576	3,119	3,671
103	1,146	1,339	1,527	1,910	2,288	2,672	3,249	3,819
104	1,189	1,389	1,588	1,984	2,377	2,771	3,367	3,963
105	1,234	1,439	1,650	2,059	2,460	2,876	3,498	4,113
106	1,271	1,489	1,699	2,122	2,543	2,976	3,609	4,248
107	1,320	1,538	1,755	2,196	2,643	3,075	3,739	4,390
108	1,359	1,588	1,817	2,271	2,727	3,181	3,858	4,540
109	1,409	1,643	1,873	2,344	2,815	3,280	3,988	4,687
110	1,444	1,687	1,929	2,411	2,897	3,373	4,098	4,826
111	1,494	1,743	1,990	2,487	2,982	3,479	4,224	4,966
112	1,532	1,786	2,047	2,560	3,070	3,585	4,347	5,115
113	1,581	1,842	2,102	2,631	3,164	3,683	4,471	5,263
114	1,619	1,891	2,159	2,698	3,244	3,776	4,588	5,396
115	1,662	1,941	2,213	2,771	3,329	3,882	4,712	5,546
116	1,706	1,997	2,277	2,848	3,417	3,988	4,842	5,692
117	1,755	2,040	2,338	2,920	3,503	4,087	4,961	5,842
118	1,791	2,089	2,394	2,989	3,585	4,180	5,080	5,972

Pension band credits
AT&T Legacy Bargained Program: CWA
(bands 119 to 135)

Pension Band	On or after 1/1/2012 and Before 1/1/2016							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,835	\$2,145	\$2,449	\$3,065	\$3,671	\$4,285	\$5,202	\$6,121
120	1,878	2,196	2,504	3,131	3,764	4,385	5,334	6,269
121	1,923	2,245	2,566	3,206	3,852	4,495	5,452	6,418
122	1,960	2,288	2,616	3,274	3,932	4,588	5,563	6,548
123	2,009	2,344	2,678	3,348	4,018	4,687	5,692	6,697
124	2,059	2,400	2,742	3,424	4,106	4,787	5,823	6,846
125	2,097	2,444	2,798	3,498	4,192	4,893	5,942	6,994
126	2,139	2,494	2,853	3,566	4,273	4,992	6,052	7,125
127	2,188	2,560	2,920	3,653	4,378	5,109	6,207	7,299
128	2,238	2,604	2,982	3,721	4,465	5,209	6,331	7,446
129	2,271	2,654	3,026	3,783	4,540	5,297	6,437	7,564
130	2,312	2,698	3,081	3,852	4,620	5,390	6,548	7,702
131	2,356	2,748	3,144	3,924	4,706	5,496	6,672	7,851
132	2,400	2,798	3,201	3,998	4,792	5,600	6,796	8,000
133	2,444	2,853	3,255	4,074	4,886	5,700	6,927	8,142
134	2,487	2,902	3,312	4,137	4,966	5,792	7,039	8,279
135	2,525	2,947	3,367	4,211	5,054	5,898	7,162	8,427

Pension band credits
AT&T Legacy Bargained Program: CWA
(bands 101 to 118)

Pension Band	On or after 1/1/2016 and Before 1/1/2017 Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,072	\$1,252	\$1,428	\$1,785	\$2,143	\$2,506	\$3,038	\$3,571
102	1,109	1,297	1,485	1,853	2,224	2,602	3,150	3,708
103	1,157	1,352	1,542	1,929	2,311	2,699	3,281	3,857
104	1,201	1,403	1,604	2,004	2,401	2,799	3,401	4,003
105	1,246	1,453	1,667	2,080	2,485	2,905	3,533	4,154
106	1,284	1,504	1,716	2,143	2,568	3,006	3,645	4,290
107	1,333	1,553	1,773	2,218	2,669	3,106	3,776	4,434
108	1,373	1,604	1,835	2,294	2,754	3,213	3,897	4,585
109	1,423	1,659	1,892	2,367	2,843	3,313	4,028	4,734
110	1,458	1,704	1,948	2,435	2,926	3,407	4,139	4,874
111	1,509	1,760	2,010	2,512	3,012	3,514	4,266	5,016
112	1,547	1,804	2,067	2,586	3,101	3,621	4,390	5,166
113	1,597	1,860	2,123	2,657	3,196	3,720	4,516	5,316
114	1,635	1,910	2,181	2,725	3,276	3,814	4,634	5,450
115	1,679	1,960	2,235	2,799	3,362	3,921	4,759	5,601
116	1,723	2,017	2,300	2,876	3,451	4,028	4,890	5,749
117	1,773	2,060	2,361	2,949	3,538	4,128	5,011	5,900
118	1,809	2,110	2,418	3,019	3,621	4,222	5,131	6,032

Pension band credits
AT&T Legacy Bargained Program: CWA
(bands 119 to 135)

Pension Band	On or after 1/1/2016 and Before 1/1/2017							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,853	\$2,166	\$2,473	\$3,096	\$3,708	\$4,328	\$5,254	\$6,182
120	1,897	2,218	2,529	3,162	3,802	4,429	5,387	6,332
121	1,942	2,267	2,592	3,238	3,891	4,540	5,507	6,482
122	1,980	2,311	2,642	3,307	3,971	4,634	5,619	6,613
123	2,029	2,367	2,705	3,381	4,058	4,734	5,749	6,764
124	2,080	2,424	2,769	3,458	4,147	4,835	5,881	6,914
125	2,118	2,468	2,826	3,533	4,234	4,942	6,001	7,064
126	2,160	2,519	2,882	3,602	4,316	5,042	6,113	7,196
127	2,210	2,586	2,949	3,690	4,422	5,160	6,269	7,372
128	2,260	2,630	3,012	3,758	4,510	5,261	6,394	7,520
129	2,294	2,681	3,056	3,821	4,585	5,350	6,501	7,640
130	2,335	2,725	3,112	3,891	4,666	5,444	6,613	7,779
131	2,380	2,775	3,175	3,963	4,753	5,551	6,739	7,930
132	2,424	2,826	3,233	4,038	4,840	5,656	6,864	8,080
133	2,468	2,882	3,288	4,115	4,935	5,757	6,996	8,223
134	2,512	2,931	3,345	4,178	5,016	5,850	7,109	8,362
135	2,550	2,976	3,401	4,253	5,105	5,957	7,234	8,511

Pension band credits
AT&T Legacy Bargained Program: CWA
(bands 101 to 118)

Pension Band	On or after 1/1/2017 and Before 1/1/2018 Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,083	\$1,265	\$1,442	\$1,803	\$2,164	\$2,531	\$3,068	\$3,607
102	1,120	1,310	1,500	1,872	2,246	2,628	3,182	3,745
103	1,169	1,366	1,557	1,948	2,334	2,726	3,314	3,896
104	1,213	1,417	1,620	2,024	2,425	2,827	3,435	4,043
105	1,258	1,468	1,684	2,101	2,510	2,934	3,568	4,196
106	1,297	1,519	1,733	2,164	2,594	3,036	3,681	4,333
107	1,346	1,569	1,791	2,240	2,696	3,137	3,814	4,478
108	1,387	1,620	1,853	2,317	2,782	3,245	3,936	4,631
109	1,437	1,676	1,911	2,391	2,871	3,346	4,068	4,781
110	1,473	1,721	1,967	2,459	2,955	3,441	4,180	4,923
111	1,524	1,778	2,030	2,537	3,042	3,549	4,309	5,066
112	1,562	1,822	2,088	2,612	3,132	3,657	4,434	5,218
113	1,613	1,879	2,144	2,684	3,228	3,757	4,561	5,369
114	1,651	1,929	2,203	2,752	3,309	3,852	4,680	5,505
115	1,696	1,980	2,257	2,827	3,396	3,960	4,807	5,657
116	1,740	2,037	2,323	2,905	3,486	4,068	4,939	5,806
117	1,791	2,081	2,385	2,978	3,573	4,169	5,061	5,959
118	1,827	2,131	2,442	3,049	3,657	4,264	5,182	6,092

Pension band credits
AT&T Legacy Bargained Program: CWA
(bands 119 to 135)

Pension Band	On or after 1/1/2017 and Before 1/1/2018							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,872	\$2,188	\$2,498	\$3,127	\$3,745	\$4,371	\$5,307	\$6,244
120	1,916	2,240	2,554	3,194	3,840	4,473	5,441	6,395
121	1,961	2,290	2,618	3,270	3,930	4,585	5,562	6,547
122	2,000	2,334	2,668	3,340	4,011	4,680	5,675	6,679
123	2,049	2,391	2,732	3,415	4,099	4,781	5,806	6,832
124	2,101	2,448	2,797	3,493	4,188	4,883	5,940	6,983
125	2,139	2,493	2,854	3,568	4,276	4,991	6,061	7,135
126	2,182	2,544	2,911	3,638	4,359	5,092	6,174	7,268
127	2,232	2,612	2,978	3,727	4,466	5,212	6,332	7,446
128	2,283	2,656	3,042	3,796	4,555	5,314	6,458	7,595
129	2,317	2,708	3,087	3,859	4,631	5,404	6,566	7,716
130	2,358	2,752	3,143	3,930	4,713	5,498	6,679	7,857
131	2,404	2,803	3,207	4,003	4,801	5,607	6,806	8,009
132	2,448	2,854	3,265	4,078	4,888	5,713	6,933	8,161
133	2,493	2,911	3,321	4,156	4,984	5,815	7,066	8,305
134	2,537	2,960	3,378	4,220	5,066	5,909	7,180	8,446
135	2,576	3,006	3,435	4,296	5,156	6,017	7,306	8,596

Pension band credits
AT&T Legacy Bargained Program: CWA
(bands 101 to 118)

Pension Band	On or after 1/1/2018							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,094	\$1,278	\$1,456	\$1,821	\$2,186	\$2,556	\$3,099	\$3,643
102	1,131	1,323	1,515	1,891	2,268	2,654	3,214	3,782
103	1,181	1,380	1,573	1,967	2,357	2,753	3,347	3,935
104	1,225	1,431	1,636	2,044	2,449	2,855	3,469	4,083
105	1,271	1,483	1,701	2,122	2,535	2,963	3,604	4,238
106	1,310	1,534	1,750	2,186	2,620	3,066	3,718	4,376
107	1,359	1,585	1,809	2,262	2,723	3,168	3,852	4,523
108	1,401	1,636	1,872	2,340	2,810	3,277	3,975	4,677
109	1,451	1,693	1,930	2,415	2,900	3,379	4,109	4,829
110	1,488	1,738	1,987	2,484	2,985	3,475	4,222	4,972
111	1,539	1,796	2,050	2,562	3,072	3,584	4,352	5,117
112	1,578	1,840	2,109	2,638	3,163	3,694	4,478	5,270
113	1,629	1,898	2,165	2,711	3,260	3,795	4,607	5,423
114	1,668	1,948	2,225	2,780	3,342	3,891	4,727	5,560
115	1,713	2,000	2,280	2,855	3,430	4,000	4,855	5,714
116	1,757	2,057	2,346	2,934	3,521	4,109	4,988	5,864
117	1,809	2,102	2,409	3,008	3,609	4,211	5,112	6,019
118	1,845	2,152	2,466	3,079	3,694	4,307	5,234	6,153

Pension band credits
AT&T Legacy Bargained Program: CWA
(bands 119 to 135)

Pension Band	On or after 1/1/2018							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,891	\$2,210	\$2,523	\$3,158	\$3,782	\$4,415	\$5,360	\$6,306
120	1,935	2,262	2,580	3,226	3,878	4,518	5,495	6,459
121	1,981	2,313	2,644	3,303	3,969	4,631	5,618	6,612
122	2,020	2,357	2,695	3,373	4,051	4,727	5,732	6,746
123	2,069	2,415	2,759	3,449	4,140	4,829	5,864	6,900
124	2,122	2,472	2,825	3,528	4,230	4,932	5,999	7,053
125	2,160	2,518	2,883	3,604	4,319	5,041	6,122	7,206
126	2,204	2,569	2,940	3,674	4,403	5,143	6,236	7,341
127	2,254	2,638	3,008	3,764	4,511	5,264	6,395	7,520
128	2,306	2,683	3,072	3,834	4,601	5,367	6,523	7,671
129	2,340	2,735	3,118	3,898	4,677	5,458	6,632	7,793
130	2,382	2,780	3,174	3,969	4,760	5,553	6,746	7,936
131	2,428	2,831	3,239	4,043	4,849	5,663	6,874	8,089
132	2,472	2,883	3,298	4,119	4,937	5,770	7,002	8,243
133	2,518	2,940	3,354	4,198	5,034	5,873	7,137	8,388
134	2,562	2,990	3,412	4,262	5,117	5,968	7,252	8,530
135	2,602	3,036	3,469	4,339	5,208	6,077	7,379	8,682

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 101 to 118)

Pension Band	On or after 1/1/2017 and before 1/1/2018 Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,105	\$1,291	\$1,471	\$1,839	\$2,208	\$2,582	\$3,130	\$3,679
102	1,142	1,336	1,530	1,910	2,291	2,681	3,246	3,820
103	1,193	1,394	1,589	1,987	2,381	2,781	3,380	3,974
104	1,237	1,445	1,652	2,064	2,473	2,884	3,504	4,124
105	1,284	1,498	1,718	2,143	2,560	2,993	3,640	4,280
106	1,323	1,549	1,768	2,208	2,646	3,097	3,755	4,420
107	1,373	1,601	1,827	2,285	2,750	3,200	3,891	4,568
108	1,415	1,652	1,891	2,363	2,838	3,310	4,015	4,724
109	1,466	1,710	1,949	2,439	2,929	3,413	4,150	4,877
110	1,503	1,755	2,007	2,509	3,015	3,510	4,264	5,022
111	1,554	1,814	2,071	2,588	3,103	3,620	4,396	5,168
112	1,594	1,858	2,130	2,664	3,195	3,731	4,523	5,323
113	1,645	1,917	2,187	2,738	3,293	3,833	4,653	5,477
114	1,685	1,967	2,247	2,808	3,375	3,930	4,774	5,616
115	1,730	2,020	2,303	2,884	3,464	4,040	4,904	5,771
116	1,775	2,078	2,369	2,963	3,556	4,150	5,038	5,923
117	1,827	2,123	2,433	3,038	3,645	4,253	5,163	6,079
118	1,863	2,174	2,491	3,110	3,731	4,350	5,286	6,215

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 119 to 135)

Pension Band	On or after 1/1/2017 and before 1/1/2018							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,910	\$2,232	\$2,548	\$3,190	\$3,820	\$4,459	\$5,414	\$6,369
120	1,954	2,285	2,606	3,258	3,917	4,563	5,550	6,524
121	2,001	2,336	2,670	3,336	4,009	4,677	5,674	6,678
122	2,040	2,381	2,722	3,407	4,092	4,774	5,789	6,813
123	2,090	2,439	2,787	3,483	4,181	4,877	5,923	6,969
124	2,143	2,497	2,853	3,563	4,272	4,981	6,059	7,124
125	2,182	2,543	2,912	3,640	4,362	5,091	6,183	7,278
126	2,226	2,595	2,969	3,711	4,447	5,194	6,298	7,414
127	2,277	2,664	3,038	3,802	4,556	5,317	6,459	7,595
128	2,329	2,710	3,103	3,872	4,647	5,421	6,588	7,748
129	2,363	2,762	3,149	3,937	4,724	5,513	6,698	7,871
130	2,406	2,808	3,206	4,009	4,808	5,609	6,813	8,015
131	2,452	2,859	3,271	4,083	4,897	5,720	6,943	8,170
132	2,497	2,912	3,331	4,160	4,986	5,828	7,072	8,325
133	2,543	2,969	3,388	4,240	5,084	5,932	7,208	8,472
134	2,588	3,020	3,446	4,305	5,168	6,028	7,325	8,615
135	2,628	3,066	3,504	4,382	5,260	6,138	7,453	8,769

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 101 to 118)

Pension Band	On or after 1/1/2018 and before 1/1/2019 Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,116	\$1,304	\$1,486	\$1,857	\$2,230	\$2,608	\$3,161	\$3,716
102	1,153	1,349	1,545	1,929	2,314	2,708	3,278	3,858
103	1,205	1,408	1,605	2,007	2,405	2,809	3,414	4,014
104	1,249	1,459	1,669	2,085	2,498	2,913	3,539	4,165
105	1,297	1,513	1,735	2,164	2,586	3,023	3,676	4,323
106	1,336	1,564	1,786	2,230	2,672	3,128	3,793	4,464
107	1,387	1,617	1,845	2,308	2,778	3,232	3,930	4,614
108	1,429	1,669	1,910	2,387	2,866	3,343	4,055	4,771
109	1,481	1,727	1,968	2,463	2,958	3,447	4,192	4,926
110	1,518	1,773	2,027	2,534	3,045	3,545	4,307	5,072
111	1,570	1,832	2,092	2,614	3,134	3,656	4,440	5,220
112	1,610	1,877	2,151	2,691	3,227	3,768	4,568	5,376
113	1,661	1,936	2,209	2,765	3,326	3,871	4,700	5,532
114	1,702	1,987	2,269	2,836	3,409	3,969	4,822	5,672
115	1,747	2,040	2,326	2,913	3,499	4,080	4,953	5,829
116	1,793	2,099	2,393	2,993	3,592	4,192	5,088	5,982
117	1,845	2,144	2,457	3,068	3,681	4,296	5,215	6,140
118	1,882	2,196	2,516	3,141	3,768	4,394	5,339	6,277

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 119 to 135)

Pension Band	On or after 1/1/2018 and before 1/1/2019							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,929	\$2,254	\$2,573	\$3,222	\$3,858	\$4,504	\$5,468	\$6,433
120	1,974	2,308	2,632	3,291	3,956	4,609	5,606	6,589
121	2,021	2,359	2,697	3,369	4,049	4,724	5,731	6,745
122	2,060	2,405	2,749	3,441	4,133	4,822	5,847	6,881
123	2,111	2,463	2,815	3,518	4,223	4,926	5,982	7,039
124	2,164	2,522	2,882	3,599	4,315	5,031	6,120	7,195
125	2,204	2,568	2,941	3,676	4,406	5,142	6,245	7,351
126	2,248	2,621	2,999	3,748	4,491	5,246	6,361	7,488
127	2,300	2,691	3,068	3,840	4,602	5,370	6,524	7,671
128	2,352	2,737	3,134	3,911	4,693	5,475	6,654	7,825
129	2,387	2,790	3,180	3,976	4,771	5,568	6,765	7,950
130	2,430	2,836	3,238	4,049	4,856	5,665	6,881	8,095
131	2,477	2,888	3,304	4,124	4,946	5,777	7,012	8,252
132	2,522	2,941	3,364	4,202	5,036	5,886	7,143	8,408
133	2,568	2,999	3,422	4,282	5,135	5,991	7,280	8,557
134	2,614	3,050	3,480	4,348	5,220	6,088	7,398	8,701
135	2,654	3,097	3,539	4,426	5,313	6,199	7,528	8,857

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 101 to 118)

Pension Band	On or after 1/1/2019 and before 1/1/2020							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,127	\$1,317	\$1,501	\$1,876	\$2,252	\$2,634	\$3,193	\$3,753
102	1,165	1,362	1,560	1,948	2,337	2,735	3,311	3,897
103	1,217	1,422	1,621	2,027	2,429	2,837	3,448	4,054
104	1,261	1,474	1,686	2,106	2,523	2,942	3,574	4,207
105	1,310	1,528	1,752	2,186	2,612	3,053	3,713	4,366
106	1,349	1,580	1,804	2,252	2,699	3,159	3,831	4,509
107	1,401	1,633	1,863	2,331	2,806	3,264	3,969	4,660
108	1,443	1,686	1,929	2,411	2,895	3,376	4,096	4,819
109	1,496	1,744	1,988	2,488	2,988	3,481	4,234	4,975
110	1,533	1,791	2,047	2,559	3,075	3,580	4,350	5,123
111	1,586	1,850	2,113	2,640	3,165	3,693	4,484	5,272
112	1,626	1,896	2,173	2,718	3,259	3,806	4,614	5,430
113	1,678	1,955	2,231	2,793	3,359	3,910	4,747	5,587
114	1,719	2,007	2,292	2,864	3,443	4,009	4,870	5,729
115	1,764	2,060	2,349	2,942	3,534	4,121	5,003	5,887
116	1,811	2,120	2,417	3,023	3,628	4,234	5,139	6,042
117	1,863	2,165	2,482	3,099	3,718	4,339	5,267	6,201
118	1,901	2,218	2,541	3,172	3,806	4,438	5,392	6,340

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 119 to 135)

Pension Band	On or after 1/1/2019 and before 1/1/2020 Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,948	\$2,277	\$2,599	\$3,254	\$3,897	\$4,549	\$5,523	\$6,497
120	1,994	2,331	2,658	3,324	3,996	4,655	5,662	6,655
121	2,041	2,383	2,724	3,403	4,089	4,771	5,788	6,812
122	2,081	2,429	2,776	3,475	4,174	4,870	5,905	6,950
123	2,132	2,488	2,843	3,553	4,265	4,975	6,042	7,109
124	2,186	2,547	2,911	3,635	4,358	5,081	6,181	7,267
125	2,226	2,594	2,970	3,713	4,450	5,193	6,307	7,425
126	2,270	2,647	3,029	3,785	4,536	5,298	6,425	7,563
127	2,323	2,718	3,099	3,878	4,648	5,424	6,589	7,748
128	2,376	2,764	3,165	3,950	4,740	5,530	6,721	7,903
129	2,411	2,818	3,212	4,016	4,819	5,624	6,833	8,030
130	2,454	2,864	3,270	4,089	4,905	5,722	6,950	8,176
131	2,502	2,917	3,337	4,165	4,995	5,835	7,082	8,335
132	2,547	2,970	3,398	4,244	5,086	5,945	7,214	8,492
133	2,594	3,029	3,456	4,325	5,186	6,051	7,353	8,643
134	2,640	3,081	3,515	4,391	5,272	6,149	7,472	8,788
135	2,681	3,128	3,574	4,470	5,366	6,261	7,603	8,946

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 101 to 118)

Pension Band	On or after 1/1/2020 and before 1/1/2021 Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,138	\$1,330	\$1,516	\$1,895	\$2,275	\$2,660	\$3,225	\$3,791
102	1,177	1,376	1,576	1,967	2,360	2,762	3,344	3,936
103	1,229	1,436	1,637	2,047	2,453	2,865	3,482	4,095
104	1,274	1,489	1,703	2,127	2,548	2,971	3,610	4,249
105	1,323	1,543	1,770	2,208	2,638	3,084	3,750	4,410
106	1,362	1,596	1,822	2,275	2,726	3,191	3,869	4,554
107	1,415	1,649	1,882	2,354	2,834	3,297	4,009	4,707
108	1,457	1,703	1,948	2,435	2,924	3,410	4,137	4,867
109	1,511	1,761	2,008	2,513	3,018	3,516	4,276	5,025
110	1,548	1,809	2,067	2,585	3,106	3,616	4,394	5,174
111	1,602	1,869	2,134	2,666	3,197	3,730	4,529	5,325
112	1,642	1,915	2,195	2,745	3,292	3,844	4,660	5,484
113	1,695	1,975	2,253	2,821	3,393	3,949	4,794	5,643
114	1,736	2,027	2,315	2,893	3,477	4,049	4,919	5,786
115	1,782	2,081	2,372	2,971	3,569	4,162	5,053	5,946
116	1,829	2,141	2,441	3,053	3,664	4,276	5,190	6,102
117	1,882	2,187	2,507	3,130	3,755	4,382	5,320	6,263
118	1,920	2,240	2,566	3,204	3,844	4,482	5,446	6,403

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 119 to 135)

Pension Band	On or after 1/1/2020 and before 1/1/2021 Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,967	\$2,300	\$2,625	\$3,287	\$3,936	\$4,594	\$5,578	\$6,562
120	2,014	2,354	2,685	3,357	4,036	4,702	5,719	6,722
121	2,061	2,407	2,751	3,437	4,130	4,819	5,846	6,880
122	2,102	2,453	2,804	3,510	4,216	4,919	5,964	7,020
123	2,153	2,513	2,871	3,589	4,308	5,025	6,102	7,180
124	2,208	2,572	2,940	3,671	4,402	5,132	6,243	7,340
125	2,248	2,620	3,000	3,750	4,495	5,245	6,370	7,499
126	2,293	2,673	3,059	3,823	4,581	5,351	6,489	7,639
127	2,346	2,745	3,130	3,917	4,694	5,478	6,655	7,825
128	2,400	2,792	3,197	3,990	4,787	5,585	6,788	7,982
129	2,435	2,846	3,244	4,056	4,867	5,680	6,901	8,110
130	2,479	2,893	3,303	4,130	4,954	5,779	7,020	8,258
131	2,527	2,946	3,370	4,207	5,045	5,893	7,153	8,418
132	2,572	3,000	3,432	4,286	5,137	6,004	7,286	8,577
133	2,620	3,059	3,491	4,368	5,238	6,112	7,427	8,729
134	2,666	3,112	3,550	4,435	5,325	6,210	7,547	8,876
135	2,708	3,159	3,610	4,515	5,420	6,324	7,679	9,035

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 101 to 118)

Pension Band	On or after 1/1/2021 and before 1/1/2022							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,149	\$1,343	\$1,531	\$1,914	\$2,298	\$2,687	\$3,257	\$3,829
102	1,189	1,390	1,592	1,987	2,384	2,790	3,377	3,975
103	1,241	1,450	1,653	2,067	2,478	2,894	3,517	4,136
104	1,287	1,504	1,720	2,148	2,573	3,001	3,646	4,291
105	1,336	1,558	1,788	2,230	2,664	3,115	3,788	4,454
106	1,376	1,612	1,840	2,298	2,753	3,223	3,908	4,600
107	1,429	1,665	1,901	2,378	2,862	3,330	4,049	4,754
108	1,472	1,720	1,967	2,459	2,953	3,444	4,178	4,916
109	1,526	1,779	2,028	2,538	3,048	3,551	4,319	5,075
110	1,563	1,827	2,088	2,611	3,137	3,652	4,438	5,226
111	1,618	1,888	2,155	2,693	3,229	3,767	4,574	5,378
112	1,658	1,934	2,217	2,772	3,325	3,882	4,707	5,539
113	1,712	1,995	2,276	2,849	3,427	3,988	4,842	5,699
114	1,753	2,047	2,338	2,922	3,512	4,089	4,968	5,844
115	1,800	2,102	2,396	3,001	3,605	4,204	5,104	6,005
116	1,847	2,162	2,465	3,084	3,701	4,319	5,242	6,163
117	1,901	2,209	2,532	3,161	3,793	4,426	5,373	6,326
118	1,939	2,262	2,592	3,236	3,882	4,527	5,500	6,467

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 119 to 135)

Pension Band	On or after 1/1/2021 and before 1/1/2022 Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$1,987	\$2,323	\$2,651	\$3,320	\$3,975	\$4,640	\$5,634	\$6,628
120	2,034	2,378	2,712	3,391	4,076	4,749	5,776	6,789
121	2,082	2,431	2,779	3,471	4,171	4,867	5,904	6,949
122	2,123	2,478	2,832	3,545	4,258	4,968	6,024	7,090
123	2,175	2,538	2,900	3,625	4,351	5,075	6,163	7,252
124	2,230	2,598	2,969	3,708	4,446	5,183	6,305	7,413
125	2,270	2,646	3,030	3,788	4,540	5,297	6,434	7,574
126	2,316	2,700	3,090	3,861	4,627	5,405	6,554	7,715
127	2,369	2,772	3,161	3,956	4,741	5,533	6,722	7,903
128	2,424	2,820	3,229	4,030	4,835	5,641	6,856	8,062
129	2,459	2,874	3,276	4,097	4,916	5,737	6,970	8,191
130	2,504	2,922	3,336	4,171	5,004	5,837	7,090	8,341
131	2,552	2,975	3,404	4,249	5,095	5,952	7,225	8,502
132	2,598	3,030	3,466	4,329	5,188	6,064	7,359	8,663
133	2,646	3,090	3,526	4,412	5,290	6,173	7,501	8,816
134	2,693	3,143	3,586	4,479	5,378	6,272	7,622	8,965
135	2,735	3,191	3,646	4,560	5,474	6,387	7,756	9,125

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 101 to 118)

Pension Band	On or after 1/1/2022							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
101	\$1,160	\$1,356	\$1,546	\$1,933	\$2,321	\$2,714	\$3,290	\$3,867
102	1,201	1,404	1,608	2,007	2,408	2,818	3,411	4,015
103	1,253	1,465	1,670	2,088	2,503	2,923	3,552	4,177
104	1,300	1,519	1,737	2,169	2,599	3,031	3,682	4,334
105	1,349	1,574	1,806	2,252	2,691	3,146	3,826	4,499
106	1,390	1,628	1,858	2,321	2,781	3,255	3,947	4,646
107	1,443	1,682	1,920	2,402	2,891	3,363	4,089	4,802
108	1,487	1,737	1,987	2,484	2,983	3,478	4,220	4,965
109	1,541	1,797	2,048	2,563	3,078	3,587	4,362	5,126
110	1,579	1,845	2,109	2,637	3,168	3,689	4,482	5,278
111	1,634	1,907	2,177	2,720	3,261	3,805	4,620	5,432
112	1,675	1,953	2,239	2,800	3,358	3,921	4,754	5,594
113	1,729	2,015	2,299	2,877	3,461	4,028	4,890	5,756
114	1,771	2,067	2,361	2,951	3,547	4,130	5,018	5,902
115	1,818	2,123	2,420	3,031	3,641	4,246	5,155	6,065
116	1,865	2,184	2,490	3,115	3,738	4,362	5,294	6,225
117	1,920	2,231	2,557	3,193	3,831	4,470	5,427	6,389
118	1,958	2,285	2,618	3,268	3,921	4,572	5,555	6,532

Pension band credits
AT&T Legacy Bargained Program: IBEW
(bands 119 to 135)

Pension Band	On or after 1/1/2022							
	Years of service in whole years at end of crediting period							
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
119	\$2,007	\$2,346	\$2,678	\$3,353	\$4,015	\$4,686	\$5,690	\$6,694
120	2,054	2,402	2,739	3,425	4,117	4,796	5,834	6,857
121	2,103	2,455	2,807	3,506	4,213	4,916	5,963	7,018
122	2,144	2,503	2,860	3,580	4,301	5,018	6,084	7,161
123	2,197	2,563	2,929	3,661	4,395	5,126	6,225	7,325
124	2,252	2,624	2,999	3,745	4,490	5,235	6,368	7,487
125	2,293	2,672	3,060	3,826	4,585	5,350	6,498	7,650
126	2,339	2,727	3,121	3,900	4,673	5,459	6,620	7,792
127	2,393	2,800	3,193	3,996	4,788	5,588	6,789	7,982
128	2,448	2,848	3,261	4,070	4,883	5,697	6,925	8,143
129	2,484	2,903	3,309	4,138	4,965	5,794	7,040	8,273
130	2,529	2,951	3,369	4,213	5,054	5,895	7,161	8,424
131	2,578	3,005	3,438	4,291	5,146	6,012	7,297	8,587
132	2,624	3,060	3,501	4,372	5,240	6,125	7,433	8,750
133	2,672	3,121	3,561	4,456	5,343	6,235	7,576	8,904
134	2,720	3,174	3,622	4,524	5,432	6,335	7,698	9,055
135	2,762	3,223	3,682	4,606	5,529	6,451	7,834	9,216

Summary of Plan Provisions

Southeast Program of the AT&T Pension Benefit Plan

Eligibility

Any bargained employee who is regularly employed by a BellSouth Participating Company is eligible to participate in the Plan provided the employee is not younger than age 18. Effective January 1, 2011 this program is closed to new hires and rehires in any non-NDCA contract hired on or after August 9, 2009. Individuals employed as Wire Technician Employees are not eligible for the plan.

Effective June 1, 2016, current employees hired on or before Aug. 8, 2009 in BellSouth Utility Operations will cease to participate in the program.

Definitions

Hour of service

An hour for which an employee is paid or entitled to payment.

Vesting service

A participant who completes 1,000 or more Hours of Service during a plan year will be credited with a year of Vesting Service. For actives (except NDCA and Utility Ops) on January 1, 2010, accrued benefits will now be vested after three years. For NDCA and Utility Ops employees, accrued benefits are vested after five years unless a part of their accrued benefit is a cash balance.

Net credited service

For purposes of determining the participant's Accrued Benefit, Net Credited Service shall include continuous employment with a participating Company. Under Interchange Agreements, service with certain Interchange Companies is also credited.

Pre-99 pension band benefit

The Pre-99 Pension Band Benefit is equal to the sum of the following:

- **Basic monthly pension benefit**

Dollar amount corresponding to the Pension Band number shown in the Pension Band table, for the Pension Band that such participant has been assigned as of the date of the calculation, multiplied by the participant's Net Credited Service as of December 31, 1998.

Supplemental monthly pension benefit

- Equal to the product of the following:
 - Average annual amount of differential pay for the last 36 months,
 - .001, and
 - Such participant's Net Credited Service as of December 31, 1998.

Cash balance account

As of January 1, 1999 the opening Cash Balance Account was equal to the greater of (i) such participant's Cash Balance Account under the Plan as of December 31, 1998, or (ii) \$3,000. Thereafter, the Cash Balance Account earns Pension Band Credits and Interest Credits as follows:

- **Pension band credit**

A Pension Band Credit is credited to the Cash Balance Account on an annual basis. The amount of the annual credit is equal to 60 times the pension band amount.

- **Interest credit**

Interest is credited to the Cash Balance Account, based on the average 30-year Treasury bond yield for the month of November preceding the plan year. The historical interest credits are shown on the interest credits table.

Accrued benefit

A monthly benefit, payable at age 65, equal to the sum of the following:

- Pre-99 Pension Band Benefit multiplied by 1.06, and
- The Actuarial Equivalent of the Cash Balance Account, based on the average 30-year Treasury bond yield for the month of November preceding the plan year.

The cash balance account portion of the accrued benefit is the cash balance account, effective January 1, 2010.

Special provisions apply to employees classified as Utility Operations Employee, Cable Placing Operations Employee or National Directory and Customer Assistance Employee.

Service pension benefit

Eligibility

Termination of employment after age 65 with 10 years of Net Credited Service, age 55 with 20 years of Net Credited Service, age 50 with 25 years of Net Credited Service, or any age with 30 years of Net Credited Service.

Benefit

A participant may elect to have the Accrued Benefit payable in reduced amounts upon meeting eligibility for a Service Pension. The Pre-99 Service Pension Benefit is reduced for commencement prior to age 62 using the factor shown in the early retirement factors table. The Cash Balance portion is actuarially reduced if commenced prior to age 65.

Date payments begin

The monthly pension commences on the first day of the month coinciding with or next following the date of retirement, unless the participant elects otherwise, but no later than the month the participant turns age 65.

Deferred vested pension benefit

Eligibility

Termination of employment after completing at least 3 years of Vesting Service (5 years for NDCA and Utility Ops unless they have a cash balance account), and before reaching eligibility for Service Pension.

Benefit

A participant may elect to have the Accrued Benefit payable in reduced amounts upon attaining age 55 with more than 20 years of Net Credited Service, or upon attaining age 50 with 25 or more years of Net Credited Service. The Pre-99 Deferred Vested Pension Benefit is reduced using early retirement reduction factors shown in the deferred vested early retirement factors table, if commenced prior to age 65. The Cash Balance portion is actuarially reduced if commenced prior to age 65.

Date payments begin

A participant with 25 or more years of Net Credited Service may commence monthly pension payments upon attainment of age 50. A participant with 20, but less than 25, years of Net Credited Service may commence monthly pension payments upon attainment of age 55. A participant with less than 20 years of Net Credited Service will commence pension payments upon attainment of age 65.

Survivor benefit

Eligibility

Surviving beneficiary of a vested participant not yet receiving payments.

Benefit

The eligible beneficiary of a participant who dies before benefit payments commence is entitled to receive one of the following benefits:

- In the case of death of a deferred vested participant or an active participant eligible for a Deferred Vested Pension, the eligible beneficiary is entitled to receive a deferred or immediate benefit. The immediate benefit is the sum of the current Cash Balance Account converted to an immediate annuity based on the participant's age at death, plus the actuarially reduced Pre-99 Benefit calculated as if the participant had terminated and elected a life annuity payable at age 65 then adjusted to the actuarial equivalent life annuity payable immediately, based on the participant's age at death. The deferred benefit is the sum of the Cash Balance Account grown with interest to the date the participant would have obtained age 65 and converted to an immediate annuity based on the participant's age 65, plus the Pre-99 Benefit calculated as if the participant had terminated and elected a life annuity payable at age 65.

- In the case of death of a Service Pension eligible participant who has not commenced receipt of payments, the eligible beneficiary is entitled to receive an immediate benefit. The immediate benefit is the sum of the current Cash Balance Account converted to an immediate annuity based on the participant's age at death plus the reduced Pre-99 Benefit calculated as if the participant had retired and elected a life annuity. The pre-retirement survivor benefit was payable to eligible beneficiaries upon the participant's death prior to 2005. For deaths occurring on or after January 1, 2005, the pre-retirement survivor benefit will be payable to (1) an eligible spouse, or (2) if there is no eligible spouse, the participant's estate in the form of a lump sum.

Date payments begin

The beneficiary of a deceased participant may elect to commence pension payments on the first day of the month following the participant's death. Absent such an election, the payments shall commence on the date on which the participant would have attained age 65 had he or she survived.

Disability pension benefit

Eligibility

An employee who becomes totally disabled and who has at least 15 years of Net Credited Service prior to age 65.

Benefit

The Pre-99 Pension Band Benefit is not reduced for early commencement. The Cash Balance Account is projected to age 62 and divided by an age 62 immediate annuity factor.

Date payments begin

Benefits may commence at date of disability.

Death benefits

The Plan provides a single sum Death Benefit equal to the wages earned in the 12-month period ending on the month of death, not less than \$500. This benefit is paid if an eligible active employee dies due to sickness or accidental injury and is survived by a beneficiary (spouse, dependent child, or dependent parent). The beneficiary may elect to receive this benefit in monthly installments in lieu of a lump sum.

The sickness or accidental death benefit became a frozen benefit for all active participants as of December 31, 2004. Any employee hired or rehired on or after January 1, 2005 will not have a sickness or accidental death benefit payable upon death. Pension death benefits are not paid from the pension trust.

A Death Benefit is also paid if a Service Pensioner, with at least 10 years of Net Credited Service as of December 31, 1989, dies and is survived by a beneficiary. The Death Benefit for a Service Pensioner with 10 to 19 years of Net Credited Service is a single sum equal to 50% of the wages earned in the 12-month period ending on December 31, 1989. The Death Benefit for a Service Pensioner with 20 or more years of Net Credited Service is equal to 100% of the wages earned in the 12-month period ending on December 31, 1989.

Non-decreasing lump sum guarantee

Beginning December 31, 1999, BellSouth implemented a non-decreasing lump sum feature that protects the lump sum value of a participant's Pre-99 Benefit in case of rising interest rates. The lump sum value is calculated on each December 31st for Service Pension Eligible participants. It is based on the current pension band amount, current interest rate, and service as of December 31, 1998, and will become a guaranteed minimum lump sum value of the Pre-99 Benefit at retirement.

Forms of payment

The normal form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 90% of the Accrued Benefit, with 45% of the Accrued Benefit continuing to the surviving spouse upon the earlier death of the Participant. If the spouse predeceases the Participant that retired from the plan, the 10% reduction factor is removed for the future payments. The normal form with respect to all other Participants is a single life annuity.

A married Participant may elect to waive the qualified 50% joint and survivor annuity with the proper consent of the eligible spouse and to receive an actuarial equivalent benefit in the form of a single life annuity or a 75% joint and survivor annuity. J&S options are with pop-up.

A Participant, eligible for a Service Pension, may also elect to receive a lump sum. Pre-99 Benefits are converted to a lump sum based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and an interest rate equal to the average 30-year Treasury bond yield for the month of November preceding the Plan Year. Effective January 1, 2012, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality. The applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate phased-in at 25% per year over four years beginning January 1, 2012. The applicable interest rate lookback month will be the November of the prior year. Cash Balance lump sum benefits shall equal the participant's account balance. A participant, eligible for a Deferred Vested Pension, who terminates employment with all Participating Companies and affiliates on or after January 1, 2004, may elect to receive the Cash Balance Account as a lump sum.

For determining the minimum lump sum under 417(e)(3), the interest rate lookback month will be November of the year preceding distribution.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

**Monthly pension band amounts
Southeast Program***

Pension Band	Terminations			Pension Band	Terminations		
	On or after 1/1/2013 and before 1/1/2014	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 6/1/2016		On or after 1/1/2013 and before 1/1/2014	On or after 1/1/2014 and before 1/1/2015	On or after 1/1/2015 and before 6/1/2016
101	\$36.04	\$36.40	\$36.76	114	\$55.80	\$56.36	\$56.92
102	37.59	37.97	38.35	115	57.34	57.91	58.49
103	39.13	39.52	39.92	116	58.90	59.49	60.08
104	40.58	40.99	41.40	117	60.36	60.96	61.57
105	42.14	42.56	42.99	118	61.91	62.53	63.16
106	43.68	44.12	44.56	119	63.44	64.07	64.71
107	45.21	45.66	46.12	120	64.99	65.64	66.30
108	46.70	47.17	47.64	121	66.47	67.13	67.80
109	48.26	48.74	49.23	122	67.99	68.67	69.36
110	49.76	50.26	50.76	123	69.54	70.24	70.94
111	51.30	51.81	52.33	124	71.02	71.73	72.45
112	52.75	53.28	53.81	129	78.66	79.45	80.24
113	54.29	54.83	55.38	Utility Ops	12.14	12.26	12.38

* Effective January 1, 2013 for Southeast employees covered by CWA District 3 (AT&T Southeast Core Contract), CWA District 3 (BellSouth Communications, LLC (Utility Operations)), and CWA District 3 (AT&T Billing Southeast, LLC).

**Monthly pension band amounts
Southeast Program***

Pension Band	Terminations				Pension Band	Terminations			
	On or after 6/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018	On or after 1/1/2018 and before 1/1/2019	On or after 1/1/2019		On or after 6/1/2016 and before 1/1/2017	On or after 1/1/2017 and before 1/1/2018	On or after 1/1/2018 and before 1/1/2019	On or after 1/1/2019
101	\$37.13	\$37.50	\$37.88	\$38.26	114	\$57.49	\$58.06	\$58.64	\$59.23
102	38.73	39.12	39.51	39.91	115	59.07	59.66	60.26	60.86
103	40.32	40.72	41.13	41.54	116	60.68	61.29	61.90	62.52
104	41.81	42.23	42.65	43.08	117	62.19	62.81	63.44	64.07
105	43.42	43.85	44.29	44.73	118	63.79	64.43	65.07	65.72
106	45.01	45.46	45.91	46.37	119	65.36	66.01	66.67	67.34
107	46.58	47.05	47.52	48.00	120	66.96	67.63	68.31	68.99
108	48.12	48.60	49.09	49.58	121	68.48	69.16	69.85	70.55
109	49.72	50.22	50.72	51.23	122	70.05	70.75	71.46	72.17
110	51.27	51.78	52.30	52.82	123	71.65	72.37	73.09	73.82
111	52.85	53.38	53.91	54.45	124	73.17	73.90	74.64	75.39
112	54.35	54.89	55.44	55.99	129	81.04	81.85	82.67	83.50
113	55.93	56.49	57.05	57.62					

* Effective June 1, 2016 for Southeast employees covered by CWA District 3 (AT&T Southeast Core Contract) and CWA District 3 (AT&T Billing Southeast, LLC).

**Monthly pension band amounts
Southeast Program***

Pension Band	Terminations			Pension Band	Terminations		
	On or after 6/1/2010 and before 6/1/2011	On or after 6/1/2011 and before 6/1/2012	On or after 6/1/2012		On or after 6/1/2010 and before 6/1/2011	On or after 6/1/2011 and before 6/1/2012	On or after 6/1/2012
12	\$13.85	\$14.13	\$14.41	114	\$53.11	\$54.17	\$55.25
99	31.52	32.15	32.79	115	54.57	55.66	56.77
101	34.29	34.98	35.68	116	56.06	57.18	58.32
102	35.77	36.49	37.22	117	57.44	58.59	59.76
103	37.24	37.98	38.74	118	58.92	60.10	61.30
104	38.62	39.39	40.18	119	60.37	61.58	62.81
105	40.10	40.90	41.72	120	61.85	63.09	64.35
106	41.57	42.40	43.25	121	63.25	64.52	65.81
107	43.02	43.88	44.76	122	64.71	66.00	67.32
108	44.44	45.33	46.24	123	66.18	67.50	68.85
109	45.92	46.84	47.78	124	67.59	68.94	70.32
110	47.35	48.30	49.27	Supp MAR	39.98	40.78	41.60
111	48.81	49.79	50.79	129	74.85	76.35	77.88
Supp DTSR	14.74	15.03	15.33	Utility Ops	11.55	11.78	12.02
112	50.21	51.21	52.23	ND/CA**	10.00	10.00	10.00
113	51.67	52.70	53.75	CPO**	5.00	5.00	5.00

* For all Southeast employees except those covered by CWA District 3 (AT&T Southeast Core Contract), CWA District 3 (BellSouth Communications, LLC (Utility Operations)), and CWA District 3 (AT&T Billing Southeast, LLC) on or after January 1, 2013.

** Future increases not projected

**Interest credits
Southeast Program**

Year	Interest Credits
1993	2.70%
1994	4.70%
1995	4.80%
1996	4.60%
1997	5.20%
1998	6.11%
1999	5.25%
2000	6.15%
2001	5.78%
2002	5.12%
2003	4.96%
2004	5.12%
2005	4.89%
2006	4.73%
2007	4.69%
2008	4.52%
2009	4.00%
2010	4.31%
2011	4.19%
2012	3.02%
2013	2.80%
2014	3.80%

Credit shown for 1993 is for the period July 1, 1993 to December 31, 1993.

**Early retirement factors at commencement of deferred vested pension
Southeast Program**

Completed years of age	Completed months of age											
	0	1	2	3	4	5	6	7	8	9	10	11
50	.24	.24	.24	.25	.25	.25	.25	.25	.25	.26	.26	.26
51	.26	.26	.26	.27	.27	.27	.27	.27	.27	.28	.28	.28
52	.28	.28	.29	.29	.29	.29	.30	.30	.30	.30	.31	.31
53	.31	.31	.32	.32	.32	.32	.33	.33	.33	.33	.34	.34
54	.34	.34	.35	.35	.35	.35	.36	.36	.36	.39	.40	.40
55	.37	.37	.38	.38	.38	.38	.39	.39	.39	.39	.40	.40
56	.40	.40	.41	.41	.41	.42	.42	.42	.43	.43	.43	.44
57	.44	.44	.45	.45	.45	.46	.46	.46	.47	.47	.47	.48
58	.48	.48	.49	.49	.50	.50	.51	.51	.51	.52	.52	.53
59	.53	.53	.54	.54	.55	.55	.56	.56	.56	.57	.57	.58
60	.58	.59	.59	.60	.60	.61	.62	.62	.63	.63	.64	.64
61	.65	.66	.66	.67	.67	.68	.69	.69	.70	.70	.71	.71
62	.72	.73	.73	.74	.75	.75	.76	.77	.77	.78	.79	.79
63	.80	.81	.82	.82	.83	.84	.85	.85	.86	.87	.88	.88
64	.89	.90	.91	.92	.93	.94	.95	.95	.96	.97	.98	.99
65 and Over	1.00											

**Early retirement factors at commencement of service pension
 Southeast Program**

Completed years of Age	Less than 30 Years of Service	30 or more Years of Service
50	.64	1.00
51	.70	1.00
52	.76	1.00
53	.82	1.00
54	.88	1.00
55	.94	1.00
56	1.00	1.00
57	1.01	1.01
58	1.02	1.02
59	1.03	1.03
60	1.04	1.04
61	1.05	1.05
62 & over	1.06	1.06

Summary of Plan Provisions

AT&T Legacy Management Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any salaried management employee who is employed by an AT&T Corp. Participating Company becomes a participant immediately upon attaining at least age 21. This program was closed to new hires and rehires hired on or after January 1, 2007.

Definitions

Vesting service

A year of Vesting Service is earned for every calendar year in which an employee is credited with 1,000 hours of service. Vesting Service does not begin until the year of the employee's 18th birthday. The first year of Vesting Service (after attaining age 18) is the earlier of:

- the first 12 months after hire, or subsequent 12 months, in which the employee is credited with 1,000 hours of service, or
- the first calendar year in which the employee is credited with 1,000 hours of service.

For actives on January 1, 2010, accrued benefits will now be vested after three years.

Net credited service

Net Credited Service includes years, months and days of employment with a Participating Company. Under Interchange Agreements, service with certain Interchange Companies is also credited.

Eligible pay

Eligible pay is used in computing Pay Credits and Supplemental Pay Credits, if any, to a participant's Cash Balance Account and in determining the Cash Payment Option. Eligible pay is the sum of a participant's basic pay, shift and temporary work differential pay, lump sum merit wage payments, Team Management incentive compensation plan awards (APA), incentive compensation for directory or marketing employees, and area differential pay. Payments under the Short Term Incentive Plan paid on or after January 1, 2010 are eligible pay for participants promoted to officer level on or after January 1, 2009.

Compensation

Compensation is used to determine pension benefits under the terms of the Plan prior to January 1, 1998. Compensation is the sum of a participant's basic pay, shift and temporary work differential pay, lump sum merit wage payments, Team Management incentive compensation plan awards (APA), incentive compensation for marketing management employees, special project allowances for assignments begun before December 1, 1983, and area differential pay. Compensation is limited to the IRC Section 401(a)(17) compensation limits.

Special update

Active participants as of January 1, 1997 were eligible for the Special Update. The monthly pension benefit under the Special Update is $(i) \times (ii) \times .016 / 12$ where (i) is the average annual compensation for the period January 1, 1994 through December 31, 1996 and (ii) is the years of Net Credited Service through December 31, 1996 plus the special enhancement. The special enhancement is 5% of Net Credited Service but not more than 1.

Frozen accrued benefit

The Frozen Accrued Benefit is calculated as of July 31, 1997 and equals one-twelfth of $\{[(i) \times (ii) \times (iii)] + [(iv) \times .016]\}$ where

- (i) is average annual compensation for the Pay Base Averaging Period,
- (ii) is Net Credited Service through the end of the Pay Base Averaging Period,
- (iii) is .015 for the January 1, 1984 through December 31, 1986 or January 1, 1987 through December 31, 1989 Pay Base Averaging Periods and .016 for other Pay Base Averaging Periods, and
- (iv) is total compensation for all years of Net Credited Service after the Pay Base Averaging Period and through July 31, 1997.

The Pay Base Averaging Period is January 1, 1987 through December 31, 1992, January 1, 1987 through December 31, 1989, January 1, 1984 through December 31, 1986, January 1, 1978 through June 30, 1985, October 1, 1977 through September 30, 1982, October 1, 1976 through September 30, 1981, or January 1, 1975 through December 31, 1979, whichever produce the largest Frozen Accrued Benefit.

Cash balance account

For active participants as of January 1, 1998, the conversion credit is equal to $(i) \times (ii)$, where (i) is the greater of the monthly pension under the Special Update or the Frozen Accrued Benefit as of December 31, 1996 and (ii) is the conversion factor. The initial Cash Balance Account as of January 1, 1998 is the conversion credit plus an interest credit of 7% for 1997 and the pay credit and supplemental pay credit, if any, for 1997. The Cash Balance Account earns interest credits, pay credits, supplemental pay credits (if applicable), and other pay credits as follows:

■ Interest credits

Interest has been credited to the Cash Balance Account monthly at 4% since January 1, 2003. For January 1, 1998 through December 31, 2000, the interest credit was 7% and for the January 1, 2001 through December 31, 2002, the effective annual interest credit was 5.5%.

■ **Pay credits**

The Pay Credit equals Eligible Pay multiplied by the Pay Factor. The Pay Factor is based on age (in whole years) as of December 31 from the following Pay Factor table:

Attained age	Pay factor
under 30	3.00%
30-34	3.50%
35-39	4.25%
40-44	5.00%
45-49	6.50%
50-54	8.00%
55 & over	10.00%

■ **Supplemental pay credits**

The Supplemental Pay Credit equals Eligible Pay in excess of the Social Security Wage Base, if any, multiplied by the Pay Factor.

■ **Other pay credits (change in control)**

If a participant is involuntarily terminated or terminates for “Good Reason” within two years of a Change In Control, a Pay Credit equal to 5% of Eligible Pay per year of Net Credited Service (not in excess of 100% of Eligible Pay) is credited to the Cash Balance Account. Eligible Pay for this purpose is Eligible Pay for the calendar year preceding the calendar year in which the Change In Control occurs. Net Credited Service for this purpose is as of the last day of the month in which the Change In Control occurs.

Pension benefit

The pension benefit is, in general, determined under the Cash Balance formula. For participants with a Frozen Accrued benefit or Special Update benefit, the pension benefit is the greater of these benefits or the Cash Balance formula benefit, based on age at commencement and the form of benefit.

Cash balance formula benefit

The Cash Balance formula monthly accrued benefit is calculated by projecting the current Cash Balance Account to the Normal Retirement Date using the current schedule of Interest Crediting Rates and then dividing by the applicable Simplified Monthly Payment Factor at the Normal Retirement Age. For benefit commencement prior to Normal Retirement Age, early retirement factors based on benefit commencement age and calendar year of commencement from the plan document are applied.

- **Eligibility**

Upon termination if vested.

- **Date payments begin**

First day of any month after termination but not later than Normal Retirement Date. Any annuity form must commence at the same time the Cash Payment option if elected.

Special update formula benefit

The Special Update Formula monthly benefit is unreduced if it commences at or after age 55. Prior to age 55, it is reduced 0.5% per month commencement is prior to age 55 if Net Credited Service is less than 30 years and 0.25% per month commencement is prior to age 55 if Net Credited Service is at least 30 years.

- **Eligibility**

Upon termination if vested.

- **Date payments begin**

First day of any month after termination but not later than Normal Retirement Age.

Frozen accrued formula benefit

The Frozen Accrued Formula monthly benefit is unreduced if it commences at or after age 55. Prior to age 55, it is reduced 0.5% per month commencement is prior to age 55 if Net Credited Service is less than 30 years and 0.25% per month commencement is prior to age 55 if Net Credited Service is at least 30 years.

- **Eligibility**

Attainment of age 65 with 10 years of Net Credited Service, attainment of age 55 with 20 years of Net Credited Service, attainment of age 50 with 25 years of Net Credited Service, or attainment of any age with 30 years of Net Credited Service (Service Pension Eligible).

- **Date payment begins**

At or after eligibility but not later than Normal Retirement Age.

Deferred vested pension (frozen accrued benefit only)

Eligibility

Completion of 3 years of Vesting Service. Notwithstanding the preceding, all participants are fully vested as of the date of a qualified IRC Section 420 transfer.

Annuity benefit

The Frozen Accrued Benefit reduced for commencement prior to age 65 based on Early Commencement Factors.

Date payment begins

Age 65 but can commence earlier: age 55 or later with 20 years Net Credited Service or age 50 or later with 25 years of Net Credited Service.

Surviving spouse's benefit

Eligibility

Surviving spouse of an active vested or deferred vested participant in the event of the participant's death.

Annuity benefit if participant active at death

Greatest of (i) Single life annuity derived from the Cash Balance Account, (ii) 50% of the greater of the Special Update or Frozen Accrued Benefit reduced as though the participant had terminated on the date of death and elected the 50% J&S or (iii) the same as (ii) without reduction if active participant as of January 1, 1998 and had 15 years of Net Credited Service or was Service Pension Eligible as of December 31, 1997.

Annuity benefit if participant not active at death

Greater of (i) Single life annuity derived from the Cash Balance Account or (ii) 50% of the greater of the Special Update or Frozen Accrued Benefit reduced as though the participant had terminated on the date of death and elected the 50% J&S. Benefits paid to a surviving spouse on behalf of participants who terminated employment before September 30, 1998 will be reduced for each year of pre-retirement death coverage, unless coverage has been waived.

Death benefit if no surviving spouse

Eligibility

Death of an active vested or deferred vested participant that does not have a surviving spouse.

Lump sum benefit

The full balance of the Cash Balance Account is paid to the estate.

Pensioners death benefit

Eligibility

Non-job-related death before January 1, 2008 of an active participant (other than employees of AT&T of Puerto Rico, Inc. or AT&T of the Virgin Islands, Inc.) who was active as of January 1, 1998 and who has an Eligible Beneficiary. Death of a former employee (not Puerto Rico or Virgin Islands) who was active as of January 1, 1998, who retires prior to January 1, 2008, who is eligible for postretirement welfare benefits, who has an Eligible Beneficiary, and who is receiving monthly benefits at death. Special rules apply to transfers and rehires. A potential eligible participant is also eligible for this death benefit if they satisfy the Rule-of-65 at termination under Change-in-Control provisions. Effective December 31, 2012, retiree death benefits will not be paid from the pension trust.

Lump sum benefit

One times wages in effect as of December 31, 1997.

Forms of payment

The normal form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 92% of the Accrued Benefit, with 46% of the Accrued Benefit continuing to the surviving spouse upon the earlier death of the Participant. If the spouse predeceases the Participant that retired from the plan, the 8% reduction factor is removed for the future payments. The normal form with respect to all other Participants is a single life annuity.

In lieu of the normal form of retirement benefit, a married Participant may elect, with the proper spousal consent, to waive the qualified joint and survivor annuity and to receive an actuarial equivalent retirement benefit in the form of a single life annuity, a 75% or 100% joint and survivor annuity or single life annuity with 10-years certain. J&S options are with pop-up.

The cash balance account can also be received as a lump sum, subject to IRC Section 417(e) but limited to the Highest Eligible Pay (for years prior to year of termination) with remainder paid in an annuity form. If cash balance account is less than or equal to the Highest Eligible Pay plus \$30,000, the entire cash balance account can be paid as a single cash payment. Corresponding residual annuities are calculated in accordance with final IRS partial lump sum regulations released September 8, 2016.

A Lump Sum Offer (LSO) was provided to participants meeting the Modified Rule of 75 as of December 30, 2013, provided they terminate employment by December 30, 2013 unless they are metered. The amount of the LSO lump sum was based on the full accrued benefit and calculated using an August 2012 lookback month for the lump sum conversion basis, if greater than the plan actuarial equivalence.

An Enhanced Pension Offer (EPO) was provided to participants who are Management Employees as of December 10, 2014, as long as they do not become a Bargaining Unit Employee prior to termination and meet the Modified Rule of 75 as of March 31, 2015. Participants who elect the EPO must terminate employment by March 31, 2015 and elect an Annuity Starting Date of April 1, 2015, unless they are metered. The amount of the EPO benefit is their normal pension benefit under the Plan, increased by 10%. In addition a full lump sum option was added for anyone who elected the EPO.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Summary of Plan Provisions

Southeast Management Program of the AT&T Pension Benefit Plan

Eligibility

Any employee who is classified as a salaried employee and who is a non-represented employee for a BellSouth Participating Company is eligible to become a participant on the date of hire by a Participating Company. This program was closed to new hires and rehires on or after January 1, 2007.

Compensation

The sum of basic pay, team awards, differentials, marketing incentive payments and commissions, and salary transition payments that are paid by a BellSouth Participating Company. Compensation is limited to the IRC Section 401(a)(17) compensation limits.

Definitions

Hour of service

An hour for which an employee is paid or entitled to payment.

Vesting service

A participant's Vesting Service is the number of years the participant has at least 1,000 hours in a Plan Year. For actives on January 1, 2008, accrued benefits will now be vested after three years.

Net credited service

A participant's Net Credited Service is the number of years and fractions thereof the participant has been continuously employed by Participating Companies.

Adjusted career income

Total career Compensation, adjusted for periodic updates.

BSMPP

BellSouth Management Pension Plan, the predecessor plan to the current plan.

BSMPP basic benefit

Equal to 1.6% of Adjusted Career Income.

BSMPP supplemental benefit

Equal to 0.3% of the following, times the lesser of Vesting Service or 35 years:

- The average annual Adjusted Career Income, in excess of,
- The lesser of the Social Security Wage Base and twice Social Security Covered Compensation projected to age 65.

BSMPP accrued benefit

The BSMPP Accrued Benefit is equal to the sum of the BSMPP Base Benefit and the BSMPP Supplemental Benefit

PRA balance

The PRA Balance was established for participants in the BSMPP on July 1, 1993. The opening balance equaled the present value of the participant's BSMPP Accrued Benefit as of June 30, 1993, based on the Plan's interest and annuity factors at that time.

Basic service credit

On the last day of each Plan Year, each participant's PRA Balance is credited with Basic Service Credits equal to the participant's Compensation for the Plan Year multiplied by the Basic Service Credits percentage. The Basic Service Credits are shown on the Basic Service Credits table.

Supplemental credit

On the last day of each Plan Year, the PRA Balance for each participant whose Compensation is in excess of the Social Security Wage Base is credited with a supplemental credit equal to the amount of such excess multiplied by 3%.

Interest credit

On the last day of each Plan Year, interest is credited on the beginning-of-year PRA Balance, based on the average 30-year Treasury bond yield for the month of November preceding the Plan Year. The historical interest credits are shown on the interest credits table.

Additional credit

On the last day of each Plan Year, an Additional Credit may be applied to each participant's PRA Balance. This Additional Credit is equal to the participant's Compensation multiplied by zero, one or two percent, as determined by BellSouth's Board of Directors. The historical additional credits are shown on the interest credits and additional credits table. As of December 31, 2007, the additional credits were removed on an ongoing basis.

PRA accrued benefit

A participant's PRA Balance is the accrued benefit effective January 1, 2010.

Service pension

Eligibility

Effective January 1, 2009 for participants who were not already Service Pension Eligible, termination of employment after age 65 with 10 years of Net Credited Service, age 55 with 20 years of Net Credited Service, age 50 with 25 years of Net Credited Service, or any age with 30 years of Net Credited Service. Prior to January 1, 2009, termination of employment after attainment of any combination of whole years and whole months of age and whole years and whole months of Net Credited Service, with a minimum of 10 years of Net Credited Service, which totals at least 75 years as of the date of retirement. For participants entitled to an LM Berry Prior Plan Benefit at December 31, 1995, termination of employment after attainment after age 62 with 5 years of Net Credited Service or age 55 with 10 years of Net Credited Service.

Benefit

If a participant retires with a Service Pension before 2006, the participant will receive the greater of the BSMPP Accrued Benefit and the PRA Accrued Benefit, converted to an actuarially equivalent annuity. If a participant is eligible to retire with a Service Pension before 2006 but does not, the participant will receive the greater of the BSMPP Accrued Benefit at December 31, 2005 and the current PRA Accrued Benefit, converted to an actuarially equivalent annuity. If a participant is not eligible to retire with a Service Pension before 2006, the participant will receive the greater of the BSMPP Accrued Benefit frozen as of December 31, 1993, and the current PRA Accrued Benefit, converted to an actuarially equivalent annuity.

The benefit is reduced for commencement prior to age 65. For a participant with less than 30 years of Net Credited Service, the BSMPP Accrued Benefit is reduced ½% for each calendar month which distribution precedes age 60. For a participant with more than 30 years of Net Credited Service, the reduction is ¼% for each calendar month prior to age 60. The unreduced age from which reductions commence will increase from 60 to 61 on January 1, 2003, then to 62 on January 1, 2006.

Date payments begin

The monthly pension commences on the first day of the month following the date of retirement, unless the participant elects otherwise, but no later than the month the participant turns age 65.

Deferred vested pension

Eligibility

Termination of employment after completing at least 3 years of Vesting Service after age 18, and before reaching eligibility for Service Pension.

Benefit

The benefit is equal to the current PRA Accrued Benefit, converted to an actuarially equivalent annuity.

Date payments begin

A participant may elect to commence pension payments on the first day of the month following such termination of employment. Absent such an election, the pension is payable upon attainment of age 65.

Survivor benefit

Eligibility

Surviving beneficiary or estate of a vested participant not yet receiving payments.

Benefit

The benefit is equal to the greater of (i) 100% of the participant's current PRA Accrued Benefit, converted to an actuarially equivalent annuity and (ii) 45% of the BSMPP Accrued Benefit, unreduced for early retirement.

Date payments begin

The beneficiary of the deceased participant may elect to commence pension payments on the first day of the month following the participant's death. Absent such an election, the payments shall commence on the date on which the participant would have attained age 65 had he or she survived. In the absence of a beneficiary, the deceased participant's estate will receive the payment in a lump sum.

Disability pension

Eligibility

An employee who becomes totally disabled and who has at least 15 years of Credited Service prior to age 65. Participants who terminate employment on or after January 1, 2013 will not be eligible for a disability pension.

Benefit

A participant, who has not attained age 62 upon expiration of short-term disability benefits, receives an annuity payable immediately equal to the participant's PRA Balance projected to age 62 and divided by an age 62 immediate annuity factor. A participant, who has attained age 62 upon expiration of short-term disability benefits, receives an immediate payable annuity equal to the greater of the BSMPP Accrued Benefit and the PRA Accrued Benefit, converted to an actuarially equivalent annuity.

Date payments begin

Benefits may begin the first of the month following expiration of short-term disability.

Death benefits

If an eligible active employee dies due to sickness or a non-job-related injury, the Plan provides a single sum Death Benefit equal to the wages earned in the 12-month period ending on the month of death. This benefit is paid if the employee is survived by an eligible beneficiary (spouse, dependent child, or dependent parent). The beneficiary may elect to receive this benefit in monthly installments in lieu of a lump sum.

A Death Benefit is also paid if a Service Pensioner, with at least 10 years of Credited Service as December 31, 1987, dies and is survived by a beneficiary. The Death Benefit for a Service Pensioner with 10 to 19 years of Credited Service is a single sum equal to 50% of the wages earned in the 12-month period ending on December 31, 1987. The Death Benefit for a Service Pensioner with 20 or more years of Credited Service is a single sum equal to 100% of the wages earned in the 12-month period ending on December 31, 1987. Effective December 31, 2012, retiree death benefits will not be paid from the pension trust.

Effective January 1, 2016, Accidental Death Benefit and Sickness Death Benefit are eliminated.

Non-decreasing lump sum guarantee

Beginning December 31, 1999, BellSouth implemented a non-decreasing lump sum feature that protects the lump sum value of a participant's BSMPP Benefit in case of rising interest rates. The lump sum value is calculated on each December 31st. It is based on the current salary, interest rate, and service, and will become a guaranteed minimum lump sum benefit at retirement. Service will be frozen at December 31, 2005 for the calculation of the guaranteed minimum lump sum.

Forms of payment

The normal form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity equal to 90% of the Accrued Benefit, with 45% of the Accrued Benefit continuing to the surviving spouse upon the earlier death of the Participant. If the spouse predeceases the Participant that retired from the plan, the 10% reduction factor is removed for the future payments. The normal form with respect to all other Participants is a single life annuity.

A married Participant may elect to waive the qualified 50% joint and survivor annuity, with the proper consent of the eligible spouse, and receive an actuarial equivalent benefit in the form of a single life annuity or 75% joint and survivor annuity. J&S options are with pop-up.

A Participant, eligible for a Service Pension or a Deferred Vested Pension, may also elect to receive a lump sum. The benefit is equal to the greater of the BSMPP Accrued Benefit, converted to a lump sum, and the participant's PRA Balance. Lump sums conversions are based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and an interest rate equal to the average 30-year Treasury bond yield for the month of November preceding the Plan Year. Effective January 1, 2012, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality. The applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate phased-in at 25% per year over four years beginning January 1, 2012. The applicable interest rate lookback month will be the November of the prior year.

For determining the minimum lump sum under 417(e)(3), the interest rate lookback month will be November of the year preceding distribution.

An Enhanced Pension Offer (EPO) was provided to participants who are Management Employees as of December 10, 2014, as long as they do not become a Bargaining Unit Employee prior to termination and meet the Modified Rule of 75 as of March 31, 2015. Participants who elect the EPO must terminate employment by March 31, 2015 and elect an Annuity Starting Date of April 1, 2015, unless they are metered. The amount of the EPO benefit is their normal pension benefit under the Plan, increased by 10%.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Basic service credits
Southeast Management Program

Vesting service	Basic service credit
4 and Under	3%
5-9	4%
10-14	5%
15-19	6%
20-24	7%
25-29	8%
30-34	6%
35 and Over	4%

**Interest credits and additional credits
Southeast Management Program**

Year	Interest Credits	Additional Credits
1993	2.70%	1.00%
1994	4.70%	1.00%
1995	4.80%	2.00%
1996	4.60%	1.00%
1997	5.20%	2.00%
1998	6.11%	1.00%
1999	5.25%	1.00%
2000	6.15%	1.00%
2001	5.78%	1.00%
2002	5.12%	0.00%
2003	4.96%	0.00%
2004	5.12%	1.00%
2005	4.89%	2.00%
2006	4.73%	1.00%
2007	4.69%	2.00%
2008	4.52%	N/A
2009	4.00%	N/A
2010	4.31%	N/A
2011	4.19%	N/A
2012	3.79%	N/A
2013	3.79%	N/A
2014	3.80%	N/A

Credits shown for 1993 are for the period July 1, 1993 to December 31, 1993.

Summary of Plan Provisions

Mobility Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any nonbargained U.S. domestic employee, or bargained employee that bargained to participate in the Plan, who is regularly employed by AT&T Mobility will become a participant the day after completing one Year of Service. Any nonbargained employee, or bargained employee that bargained to participate in the Plan, of AT&T Mobility that transferred from SBC Communications Inc. or BellSouth Corporation is a participant in the Plan on the date of transfer. Any nonbargained employee, or bargained employee that bargained to participate in the Plan, hired by Cingular Wireless prior to December 31, 2001 becomes a participant in the Plan on January 1, 2002 if not already a participant in the Plan. This program was closed to new nonbargained hires and rehires on or after January 1, 2006. This program was closed to bargained District 3 hires and rehires on or after January 1, 2011 and for all other bargained hires and rehires on or after January 1, 2010.

Transferred employee

A former employee of SBC Communications Inc., BellSouth Corporation or an affiliate thereof who became an employee of Cingular in connection with the formation of Cingular.

Transferred participant

A former participant in the SBC Pension Benefit Plan - Nonbargained Plan or BellSouth Personal Retirement Account Pension Plan whose accrued benefit was transferred to the Plan, or a former participant in the Ameritech Management Pension Plan whose transfer resulted in the creation of a Transition Account.

Definitions

Years of service

Years of Service will be calculated on an elapsed time basis for the number of whole 12-month periods of service.

Years of vesting service credit

For a BellSouth Transferred Employee, the sum of his years of vesting service credit under the BellSouth Plan plus the number of whole and partial Years of Service earned on and after January 1, 2002. For actives on January 1, 2010, accrued benefits will now be vested after three years.

Years of pension eligibility service

For a SBC Transferred Employee, the sum of his years of pension eligibility service under the SBC Plan plus the number of whole and partial Years of Service earned on and after January 1, 2002.

Years of net credited service

For a SBC Transferred Employee, the years of Pension Eligibility Service as of the employee's transfer date plus the Years of Service earned under the Plan after such transfer date. For a BellSouth Transferred Employee, the years of "Net Credited Service" under Section 10.02 of the BellSouth Plan as of the employee's transfer date plus the Years of Service earned under the Plan after such transfer date. For a SBC Transferred Employee who was previously a participant in the Ameritech Management Pension Plan, the term of employment defined under Section B-2(e) of the Ameritech Plan as of the employee's transfer date plus the Years of Service earned under the Plan after such transfer date.

Normal retirement age

Age 65.

Benefit compensation

The sum of a participant's W-2 wages, excluding certain amounts such as discretionary bonuses, plus any elective deferral not included in W-2 wages. Benefit Compensation is limited to the IRC section 401(a)(17) compensation limits. Effective September 30, 2015, Success Sharing Plan Payments that are not contributed to an HRA are included in benefit compensation.

SBC career-average benefit

For SBC Transferred Participants hired before June 1, 1997, a monthly benefit of one-twelfth of 1.6% of the adjusted career income as determined under the SBC Plan plus 1.6% of the Benefit Compensation paid to the participant through June 1, 2002. The SBC Career-Average Benefit was frozen as of June 1, 2002.

Special pension account (SPA)

For a SBC Transferred Participant eligible to retire as of December 31, 1999, a special pension account (SPA) was created at SBC equal to the lump sum value of the participant's December 31, 1999 retirement benefit assuming they retire on that date increased with interest to December 31, 2000 at 6.15%, and then frozen.

PTG accelerated transition benefit

For a SBC Transferred Participant who was a participant in the Pacific Telesis Group Pension Plan for Salaried Employees on March 22, 1996, the accelerated transition benefit to which the participant was entitled under the SBC Plan on December 31, 2001.

PTG special ATB

For a SBC Transferred Participant who was a participant in the Pacific Telesis Group Pension Plan for Salaried Employees on March 22, 1996, the actuarial equivalent single life annuity of the lump sum value of the Accelerated Transition Benefit to which the participant was entitled under the SBC Plan on January 1, 1999 increased with interest for the period from January 1, 1999, through December 31, 2001.

BellSouth management pension plan benefit

For a BellSouth Transferred Participant who was a participant in the BellSouth Management Pension Plan on July 1, 1993 and who would have been eligible for a service pension under the BellSouth Plan if he had remained an active participant in that plan through December 31, 2005, the continuation of the career average formula through December 31, 2005. The career average formula provides a monthly benefit equal to one-twelfth of the sum of 1.6% of the BellSouth Transferred Participants adjusted career income determined under the BellSouth Plan as of the transfer date plus 1.6% of all Benefit Compensation paid to the participant through January 1, 2006 plus 0.3% of the adjusted career income plus compensation through January 1, 2006 divided by the corresponding service which is in excess of the Average Social Security Covered Wage Base multiplied by the corresponding service.

BellSouth pension plan benefit (combo benefit)

For a BellSouth Transferred Participant who was a bargained participant in the BellSouth Pension Plan and whose accrued benefit under the BellSouth Pension Plan was transferred to the BellSouth Personal Retirement Account Pension Plan, the accrued benefit shall never be less than the following. The accrued benefit attributable to service under the BellSouth Pension Plan based on the pension band multiplier in effect as of December 31, 2001 plus the accrued benefit based on service since transfer from the BellSouth Pension Plan as of the earlier of termination of employment or December 31, 2006.

BellSouth management pension plan minimum lump sum benefit

For a BellSouth Transferred Participant, the largest of the actuarial equivalent lump sum value of the BellSouth Management Pension Plan Benefit on December 31, 1999, December 31, 2000 or December 31, 2001 calculated at the interest rate applicable at the given date.

Ameritech transition account

For an Ameritech Transferred Employee, a bookkeeping account which as of December 31, 2001 is equal to the greater of a projected transition shortfall after 5 years or \$500. The Ameritech Transition Account shall be reduced at the end of each month by a monthly credit amount equal to the current balance divided by the number of whole months until December 31, 2006. The account shall receive interest credits at the end of each month at the same rate as the Cash Balance Account. The balance of the Ameritech Transition Account will be zero as of January 1, 2007.

Cash balance account

The cash balance account is a bookkeeping account which will periodically receive service credits, interest credits and transition credits (if applicable) as follows.

- **Transferred account balance**

For a Transferred Participant, the Cash Balance Account is set equal to the cash balance account under the SBC Plan or the BellSouth Plan at the time of transfer to Cingular Wireless.

- **Interest credits**

Interest is credited to the Cash Balance Account monthly, and the effective annual rate is based on the average 30-year Treasury bond yield for the middle month of the prior quarter.

- **Service credits**

Service Credits equal to 5% of a participant's Benefit Compensation are credited monthly to the Cash Balance Account.

- **BellSouth basic transition service credits**

As of the last day of each month ending prior to January 1, 2007, a Service Credit shall be credited to the Cash Balance Account of each Transferred Participant who was a participant in the BellSouth Plan equal to a percent of Benefit Compensation based on Years of Vesting Service Credit completed at the beginning of the plan year. The applicable percentage is 0% for service less than 10 years, 1% for service from 10 to 15 years, 2% for service from 15 to 20 years, 3% for service from 20 to 25 years, 4% for service from 25 to 30 years, 2% for service from 30 to 35 years and 0% for service on or in excess of 35 years.

- **BellSouth supplemental transition service credits**

As of the last day of each month ending prior to January 1, 2007, a Service Credit shall be credited to the Cash Balance Account of each Transferred Participant who was a participant in the BellSouth Plan equal to 3% of Benefit Compensation in excess of the Social Security taxable wage base.

- **Ameritech transition service credits**

The monthly credit from the Ameritech Transition Account (if any) is credited to the Cash Balance Account.

- **Initial account balance**

Upon participation in the plan, new participants, that are not Transferred Participants, receive retroactive service and interest credits back to the later of their date of employment with AT&T Mobility or 12 months prior to becoming a participant in the Plan.

Service pension

Eligibility

For a SBC Transferred Participant, termination of employment after attaining age 65 with 10 years of Net Credited Service, age 55 with 20 years of Net Credited Service, age 50 with 25 years of Net Credited Service or 30 years of Net Credited Service. For a BellSouth Transferred Participant, termination of employment after attaining age plus Net Credited Service of 75 and at least 10 years of Net Credited Service.

Lump sum benefit

A lump sum benefit is available equal to the greater of the following, as applicable:

- the Cash Balance Account.
- the SBC Career-Average Benefit, reduced for distribution prior to age 55, times an immediate lump sum factor. Reduction is ½% for each month the participant's age on the commencement date is prior to age 55. If the participant has attained 30 Years of Net Credited Service, then reduction is ¼% for each month the participant's age on the commencement date is prior to age 55.
- the SPA.
- the Accelerated Transition Benefit, reduced for distribution prior to age 55, times an immediate lump sum factor.
- the Special ATB.

- the BellSouth Management Pension Plan benefit, reduced for distribution prior to age 60 (age 61 for terminations during 2004, 2005 or age 62 for termination during 2006 or later) times an immediate lump sum factor. Reduction is $\frac{1}{2}\%$ for each month the participant's age on the commencement date is prior to the applicable age based on year of termination. If the participant has attained 30 Years of Net Credited Service, then reduction is $\frac{1}{4}\%$ for each month the participant's age on the commencement date is prior to applicable age based on year of termination.
- the BellSouth Pension Plan Benefit, reduced for commencement prior to age 56, times an immediate lump sum factor. Reduction is $\frac{1}{2}\%$ for each month the participant's age on the commencement date is prior to age 56. If the participant has attained 30 Years of Net Credited Service, then the benefit is not reduced for early commencement.
- the BellSouth Management Pension Minimum Lump Sum benefit.

Annuity benefit

In lieu of a lump sum benefit, a participant may receive an immediate monthly pension, payable for life, equal to the actuarial equivalent of the lump sum benefit.

Date payments begin

If a monthly pension is elected, the benefit commences on the first day of the month following the date of retirement, or a later date elected by the participant, not later than age 65. If a lump sum benefit is elected, payment is made upon retirement, or a later date elected by the participant, not later than age 65.

Termination benefit

Eligibility

Termination while vested, and for Transferred Participants, termination prior to eligibility for a Service Pension. All Cingular nonbargained employees, or bargained employees that bargained to participate in the Plan, hired prior to January 1, 2002 are considered fully vested. For those Cingular employees hired after December 31, 2001, a Termination Benefit is payable upon termination of employment after completing at least 3 years of Net Credited Service. A participant who terminates employment due to disability will be considered fully vested.

Lump sum benefit

A lump sum benefit is available equal to the greater of the following, as applicable:

- the Cash Balance Account.
- the SBC Career-Average Benefit multiplied by a deferred to age 65 lump sum factor.
- the Accelerated Transition Benefit reduced for distribution prior to age 55, multiplied by an immediate lump sum factor.
- the Special ATB.
- the BellSouth Management Pension Plan Benefit multiplied by a deferred to age 65 lump sum factor.
- the BellSouth Management Pension Plan Benefit reduced for early commencement multiplied by an immediate lump sum factor.
- the BellSouth Management Pension Minimum Lump Sum Benefit.

Annuity benefit

In lieu of a lump sum benefit, a participant may receive an immediate monthly pension, payable for life, equal to the greater of the SBC Career-Average Benefit, the Accelerated Transition Benefit, the Special ATB, the BellSouth Management Pension Plan Benefit and the Cash Balance Account converted to an annuity. All annuity benefits are reduced as applicable for early commencement.

Date payments begin

If a monthly pension is elected, the benefit commences on the first day of the month following the date of termination, or a later date elected by the participant, not later than age 65. If a lump sum benefit is elected, payment is made upon termination, or a later date elected by the participant, not later than age 65.

Surviving spouse benefit

Eligibility

Surviving spouse of an active participant, regardless of net credited service amount, or deferred vested participant in the event of the participant's death.

Annuity benefit

The monthly benefit that would have been payable to the surviving spouse if the participant had retired or terminated his active employment on the earlier of his date of death or most recent termination of employment, commenced benefits in the form of a qualified joint and survivor annuity and died on the day of commencement, or the actuarial equivalent of the participant's Cash Balance Account.

Lump sum benefit

The eligible spouse of an active participant who dies prior to Normal Retirement Age and before benefit payments commence is entitled to a lump sum benefit which is the largest of the actuarial equivalent of the annuity benefit commencing at either the date of death or the participant's normal retirement date and the participant's cash balance account.

Death benefit if no surviving spouse

Eligibility

Death of an active participant, regardless of Net Credited Service amount, or deferred vested participant that does not have a surviving spouse.

Lump sum benefit

A lump sum death benefit equal to the Cash Balance Account is paid in accordance with the Cingular rules for employee beneficiary designation.

Forms of payment

The normal form is a straight life annuity. The automatic form of payment for a Participant who is married at the benefit commencement date is a reduced qualified 50% joint and survivor annuity. If a participant retires from the plan this option includes a pop-up provision that returns the benefit to the single life annuity amount if the beneficiary predeceases the participant.

In lieu of the automatic form of payment, a married Participant may elect, with the spousal consent, to waive the qualified joint and survivor annuity and to receive an actuarial equivalent retirement benefit in the form of a single life annuity or 75% joint and survivor annuity. J&S options are with pop-up if service pension eligible.

A Participant may also elect to receive a lump sum. Benefits will be converted to lump sums based on an interest rate equal to the average 30-year Treasury bond yield for the middle month of the quarter preceding distribution and the mortality rates in Revenue Ruling 2001-62. Effective January 1, 2012, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality. The applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate phased-in at 25% per year over four years beginning January 1, 2012. The applicable interest rate lookback month will be the middle month of the calendar quarter preceding distribution.

For determining the minimum lump sum under 417(e)(3), the interest rate lookback month will be November of the year preceding distribution.

An Enhanced Pension Offer (EPO) was provided to participants who are Management Employees as of December 10, 2014, as long as they do not become a Bargaining Unit Employee prior to termination and meet the Modified Rule of 75 as of March 31, 2015. Participants who elect the EPO must terminate employment by March 31, 2015 and elect an Annuity Starting Date of April 1, 2015, unless they are metered. The amount of the EPO benefit is their normal pension benefit under the Plan, increased by 10%.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Summary of Plan Provisions

Mobility Bargained Program of the AT&T Pension Benefit Plan (CWA District 6)

Employees eligible for participation

Any bargained employee who is regularly employed by a Participating Company and represented by CWA – District 6 will become a participant on the day after completing one Year of Service. This program was closed on January 1, 2009 to new hires and rehires.

Contributions

The Company will, from time to time, pay to the Trustee such sums of money as the enrolled actuary shall certify as the amounts necessary to provide the retirement income benefits specified by the Plan and to prevent the Plan from having an accumulated funding deficiency within the meaning of IRC Section 412. The Company may also provide additional sums of money to the Trustee as deemed appropriate.

Employee contributions are neither required nor permitted under the Plan.

Expenses

All expenses incurred in connection with the administration of the Plan and the Trust are paid by the fund to the extent they are not paid by the Company.

Definitions

Transferred employee

A former participant in the SBC Plan whose accrued benefit under the SBC Plan was transferred to the Plan.

Years of service

The Years of Service will be calculated on an elapsed time basis. For a Transferred Employee, vesting service credited under the SBC Plan shall be taken into account in determining Years of Service for vesting and participation.

Pension calculation service

For purposes of determining the participant's Accrued Benefit, Pension Calculation Service shall include employment with a Participating Company. A Transferred Employee's Pension Calculation Service credited under the SBC Plan shall be taken into account as Pension Calculation Service.

Net credited service

The number of whole and fractional 12-month periods of employment in the service of a Participating Company. A Transferred Employee's pension eligibility service credited under the SBC Plan shall be taken into account as Net Credited Service.

Average supplemental earnings

The sum of a participant's commissions, in charge allowances, extra payments for temporary promotions, shift differentials and job differentials over the 36-month period divided by 3 that produces the highest annual average. Effective September 30, 2015, Success Sharing Plan Payments that are not contributed to an HRA are included in average supplemental earnings.

Special pension account (SPA)

For a SBC Transferred Participant eligible to retire as of December 31, 1999, a special pension account (SPA) was created at SBC equal to the lump sum value of the participant's December 31, 1999 retirement benefit assuming they retire on that date increased with interest to December 31, 2000 at 6.15%, and then frozen.

Service pension

Eligibility

Termination of employment after attaining age 65 with 10 years of Net Credited Service, age 55 with 20 years of Net Credited Service, age 50 with 25 years of Net Credited Service or 30 years of Net Credited Service.

Accrued benefit

A monthly benefit equal to the sum of the following:

- the Pension Band Amount shown in the tables for the pension band which applies to the participant's job title times Pension Calculation Service.
- the Supplemental Monthly Pension.

Supplemental monthly pension

.08% of Average Supplemental Earnings multiplied by Pension Calculation Service.

Reduction

After meeting eligibility for a Service Pension, a participant receives an immediate monthly pension, payable for life, equal to the Accrued Benefit, reduced for commencement prior to age 55. The reduction is ½% for each month prior to age 55 with less than 30 years of Net Credited Service and is unreduced with 30 or more years of Net Credited Service.

Date payments begin

The monthly pension commences on the first day of the month coinciding with or next following the date of retirement, subject to the provisions of IRC section 411(a)(11) and notice and election requirements under IRC section 417.

Termination benefit

Eligibility

Termination of employment after completing at least 5 Years of Service or five years of Net Credited Service, and before reaching eligibility for a Service Pension. However, effective January 1, 2010, if any part of the accrued benefit is determined as a Cash Balance Account or DLS Account then the Participant is eligible after 3 years of Vesting Service. Notwithstanding the preceding, all participants were fully vested as of the date of a qualified IRC section 420 transfer at SBC.

Benefit

The monthly benefit, payable as a straight life annuity starting on the participant's Normal Retirement Age (the later of age 65 or the fifth anniversary of plan participation), equals the participant's Accrued Benefit on the date of termination. The benefit is reduced if commenced prior to Normal Retirement Age.

Date payments begin

A participant who terminates employment and is eligible for the Termination Benefit receives a benefit commencing at Normal Retirement Age or at termination of service, if later. If the participant has sufficient service for early retirement eligibility, the Termination Benefit may commence early when the participant later meets the age requirements. The amount payable upon early retirement is equal to the Accrued Benefit, reduced based on commencement prior to age 65. A table of reduction factors is in the plan document.

Participants who transfer to the nonbargained plan

A participant who is transferred to the nonbargained plan continues to earn Years of Service under the plan for vesting and eligibility purposes. The pension band amount used in the determination of the participant's accrued benefit is frozen as of the date of transfer.

Surviving spouse benefit

Eligibility

Surviving spouse of an active vested participant or deferred vested participant in the event of the participant's death.

Benefit

The eligible spouse of an active participant who dies prior to Normal Retirement Age and before payments commence is entitled to one of the following benefits:

- If the participant dies with 3 or more Years of Service, has less than 15 years of Net Credited Service, and is not eligible for a Service Pension, the eligible spouse receives a deferred monthly survivor benefit for life beginning on the date the participant would have reached earliest eligibility to commence a Termination Benefit. The benefit is computed as though the participant had left service on the date of death, survived until the earliest eligibility to commence a Termination Benefit, retired at that time with the qualified survivor annuity option, and died the next day.
- If the participant dies eligible for a Service Pension or with 15 years of Net Credited Service, a surviving spouse receives a monthly survivor pension payable for life equal to 45% of the Accrued Benefit. The spouse's benefit will commence on the first day following the participant's date of death.

Effective March 28, 2008, these benefits are available as an actuarially equivalent lump sum.

Lump sum death benefit

For participants hired prior to January 1, 1990, the Plan provides a Lump Sum Death Benefit equal to the wages earned in the 12 month period ending on December 31, 1989. This benefit is paid if an eligible active employee dies due to sickness or non-job-related injury and is survived by an "Eligible Beneficiary" (spouse, dependent child, or dependent parent). The benefit is also paid if an eligible Service Pensioner dies and is survived by an Eligible

Beneficiary. Effective December 31, 2012, Grandfathered Special Death Benefits will not be paid from the pension trust for participants terminated prior to January 1, 2009. Effective December 31, 2016, Grandfathered Special Death Benefits will not be paid from the pension trust for participants terminated prior to January 1, 2013.

Forms of payment

The normal form is a straight life annuity. The automatic form of payment for a Participant who is married at the benefit commencement date is a reduced qualified 50% joint and survivor annuity. If a participant retires from the plan this option includes a pop-up provision that returns the benefit to the single life annuity amount if the beneficiary predeceases the participant. The normal form with respect to all other participants is a single life annuity.

In lieu of the automatic form of retirement benefit, a married Participant may elect, with the spousal consent, to waive the qualified joint and survivor annuity and to receive an actuarial equivalent retirement benefit in the form of a single life annuity, a 75% joint and survivor annuity, or a 100% joint and survivor annuity. J&S options are with pop-up if service pension eligible. Effective January 1, 2009, retirement eligible participants have the option to receive a lump sum payment. For purposes of converting benefits to an annuity on an actuarial equivalent basis, the interest rate equals to the average 30-year Treasury bond yield for the middle month of the quarter preceding distribution.

Certain employees who transferred from a non-mobility bargained pension plan may be eligible for a lump sum form of payment in lieu of the normal form of retirement benefit with the appropriate spousal consent. Effective March 31, 2008, retirement eligible employees also have a lump sum option. Benefits will be converted to lump sums based on an interest rate equal to the average 30-year Treasury bond yield for the middle month of the quarter preceding distribution and the mortality rates in Revenue Ruling 2001-62. Some of these employees have a SPA which will be paid in the event that it is greater than the present value of their accrued benefit at termination. Effective January 1, 2013, the applicable mortality table used for conversion will be the 417(e)(3) PPA mortality and the applicable interest rate used for conversion will be the 417(e)(3) PPA Interest Rate at phased-in at the minimum required rate. The applicable interest rate lookback month will be the middle month of the calendar quarter preceding distribution.

For determining the minimum lump sum under 417(e)(3), the interest rate lookback month will be November of the year preceding distribution.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Pension band amounts

The tables on the following pages present Pension Band Amounts for various band numbers, and age at commencement. The column that applies for age 65 always applies for Termination Benefits.

Monthly pension band amounts Mobility Bargained Program

For participants who terminate employment on or after January 1, 2012

Pension band	Under age 55	Age 55 through 59	Age 60 and over	Pension band	Under age 55	Age 55 through 59	Age 60 and over
1589 & 1789	\$10.09	\$11.02	\$11.67	1515 & 1715	\$33.77	\$36.86	\$39.05
1590 & 1790	10.94	11.94	12.65	1516 & 1716	34.65	37.84	40.08
1591 & 1791	11.90	12.98	13.73	1517 & 1717	35.57	38.84	41.14
1592 & 1792	12.74	13.91	14.74	1518 & 1718	36.43	39.76	42.11
1593 & 1793	13.65	14.91	15.80	1519 & 1719	37.42	40.88	43.28
1594 & 1794	14.55	15.90	16.84	1520 & 1720	38.40	41.89	44.38
1595 & 1795	15.45	16.88	17.87	1521 & 1721	39.26	42.86	45.39
1596 & 1796	16.32	17.83	18.89	1522 & 1722	40.20	43.88	46.49
1597 & 1797	17.22	18.79	19.91	1523 & 1723	41.17	44.93	47.62
1598 & 1798	18.08	19.73	20.92	1524 & 1724	42.03	45.87	48.60
1599 & 1799	19.08	20.85	22.06	1525 & 1725	42.99	46.93	49.71
1500 & 1700	19.95	21.78	23.07	1526 & 1726	43.93	47.95	50.80
1501 & 1701	20.89	22.78	24.16	1527 & 1727	44.84	48.94	51.84
1502 & 1702	21.77	23.76	25.20	1528 & 1728	45.67	49.86	52.83
1503 & 1703	22.66	24.75	26.23	1529 & 1729	46.62	50.90	53.93
1504 & 1704	23.57	25.75	27.26	1530 & 1730	47.62	51.99	55.07
1505 & 1705	24.51	26.78	28.34	1531 & 1731	48.48	52.92	56.08
1506 & 1706	25.48	27.82	29.44	1532 & 1732	49.42	53.96	57.18

**Monthly pension band amounts
Mobility Bargained Program**

For participants who terminate employment on or after January 1, 2012							
Pension band	Under age 55	Age 55 through 59	Age 60 and over	Pension band	Under age 55	Age 55 through 59	Age 60 and over
1507 & 1707	26.37	28.78	30.49	1533 & 1733	50.34	54.96	58.21
1508 & 1708	27.28	29.78	31.54	1534 & 1734	51.21	55.89	59.20
1509 & 1709	28.25	30.89	32.70	1535 & 1735	52.19	56.95	60.33
1510 & 1710	29.17	31.81	33.70	1536 & 1736	53.13	58.00	61.46
1511 & 1711	29.98	32.76	34.69	1537 & 1737	54.11	59.08	62.59
1512 & 1712	30.94	33.74	35.77	1538 & 1738	55.07	60.14	63.69
1513 & 1713	31.87	34.80	36.86	1539 & 1739	56.07	61.17	64.81
1514 & 1714	32.81	35.82	37.93	1540 & 1740	57.00	62.24	65.92

Summary of Plan Provisions

Bargained Cash Balance Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any bargaining unit employee who is a member of a collective bargaining unit that has agreed to the terms of the BCB. If not a member at the time of agreement, the employee will become a participant on the day after completing one year of Period of Service.

Current bargaining units that have employees in the BCB program: SBC Global Services Inc. (CA/NV and Customer Operations Specialists), AT&T Services, Inc. (National Internet Contract) - Tier 2.

Definitions

Period of service

The period from date of hire to severance from employment.

Vesting service

Vesting service is calculated on an elapsed time basis. For actives on January 1, 2010, accrued benefits will now be vested after three years.

Pension compensation

The sum of a participant's:

- Actual base pay
- Group incentive compensation (e.g., Team Award, STIP, etc.)
- Individual nondiscretionary incentive compensation (e.g., commissions)
- Individual Discretionary Awards (IDA)
- Success Sharing Plan payments that are not contributed to an HRA

Additional compensation (e.g., shift differentials, lump wages, etc.) is included for certain bargaining units.

Cash Balance benefit

The Cash Balance benefit earns benefit credits and interest credits as follows:

■ **Benefit credits**

5% of monthly pension compensation credited monthly.

■ **Interest credits**

Interest is credited to the Cash Balance Account monthly, and the effective annual rate is based on the average 30-year Treasury bond yield for the middle month of the prior quarter.

Forms of payment

If a participant terminates for any reason with at least 3 years of vesting service, they are eligible to receive their cash balance account in one of the available payment forms.

The normal form is a straight life annuity. The automatic form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity, with 50% of the benefit continuing to the surviving spouse upon the earlier death of the Participant.

In lieu of the automatic form of payment, a Participant may elect, with the proper spousal consent, to receive an actuarial equivalent retirement benefit in the form of a single life annuity, a 75% joint and survivor annuity or, alternatively, a single lump sum payment of their cash balance account.

Cash balance accounts are converted to an annuity using the GATT mortality table (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and the interest crediting rate at the time of conversion.

In case of death, the beneficiary can receive the cash balance amount at time of death in form of a lump sum payment.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Summary of Plan Provisions

DIRECTV Program of the AT&T Pension Benefit Plan

Contributory Benefits of the DIRECTV Program

Employees eligible for participation

Any hourly or salaried U.S. employee of DIRECTV hired before August 2, 1990 is eligible to participate provided the employee completes one year of service and elected in writing by December 21, 1990 to participate in the contributory benefits structure set forth in this section.

No Contributory benefits will accrue after November 30, 2019. All Contributory participants will accrue under the Cash Balance benefit starting December 1, 2019.

Definitions

Benefit accrual service

For purposes of determining the participant's Accrued Benefit, Benefit Accrual Service shall include each month that the participant is employed by the company and contributes to the plan. As of July 1, 2010, contributions are no longer required to be made for purposes of determining Benefit Accrual Service.

Continuous service

For purposes of determining the participant's eligibility for benefits, Continuous Service is uninterrupted employment with DIRECTV or a member of the parent-subsidary group within the controlled group.

Vesting service

Vesting service is based on Continuous Service beginning with the participant's hire date. Accrued benefits are vested after completing three years of Vesting Service. Participant contributions, with interest, are always vested.

Projected benefit accrual service

Projected Benefit Accrual Service is calculated by projecting the Benefit Accrual Service to the participant's Normal Retirement Date.

Primary insurance amount

The Primary Insurance Amount for a Plan Year is the amount of the participant's primary Social Security benefit at age 65, projected as if the law in effect as of the end of the Plan Year remains in effect until the participant's date of termination.

Pensionable Pay

For purposes of determining the accrued benefit, Pensionable Pay includes base pay, company-paid time off (including vacation, holidays, bereavement, sick leave, jury duty, and military training), shift differential, overtime, bonuses, sales commissions, and certain company incentives.

Participant contributions

For a participant to earn Benefit Accrual Service, a Participant Contribution defined as 3.0% of Pensionable Pay is required to be made to the plan on an after-tax basis. As of July 1, 2010, Participant Contributions are no longer required or allowed.

Rule of 75

A participant has reached the Rule of 75 when the sum of the participant's whole years of continuous service and whole years of age is at least 75, and the participant is at least 55 years of age as of their separation from service.

Final average monthly compensation

For purposes of determining the accrued benefit, a participant's Final Average Monthly Compensation is defined as the average monthly Pensionable Pay during the highest-paid five years, out of the last 10 consecutive years worked. If the participant has less than 5 years of employment, Final Average Monthly Compensation means the average monthly Pensionable Pay for all years worked.

Final average compensation benefit

A monthly benefit, equal to the following:

- The product of 1.75% of Final Average Monthly Compensation and Benefit Accrual Service, reduced by
- The product of 1.50% of the monthly Primary Insurance Amount, Projected Benefit Accrual Service limited to 33-1/3 years, and the ratio of Benefit Accrual Service over Projected Benefit Accrual Service

Minimum benefit

A monthly benefit, equal to the product of the following:

- the sum of \$13.00 and 0.50% of Final Average Monthly Compensation
- Benefit Accrual Service

Career average benefit

A monthly benefit, equal to the sum of the following:

- Monthly accrued benefit as of December 31, 1985,
- 1/12th of 1.0% of Annual Pensionable Pay up to \$3,600 for each plan year after December 31, 1985,
- 1/12th of 2.0% of Annual Pensionable Pay in excess of \$3,600 for each plan year after December 31, 1985.

Retirement benefit

Eligibility

Termination from employment with a vested benefit and at least age 55.

Accrued Benefit

Monthly benefit equal to the greater of:

- the Final Average Compensation Benefit.
- the Minimum Benefit.
- the Career Average Benefit.

Reduction

After meeting eligibility for a Retirement Benefit, a participant receives a monthly pension, payable for life, equal to the sum of the Actuarially Equivalent amount of the Accrued Benefit at age 65 attributable to employer contributions, and the participant's contributions, with interest. The benefit is unreduced if the participant has reached the Rule of 75.

Withdrawal of contributions

At any time after termination from employment and prior to the commencement of a benefit, a participant may withdraw contributions made to the plan, with interest. Withdrawal of contributions and interest will reduce the monthly benefit received at commencement. Spousal consent is required for withdrawal of contributions.

Date payments begin

The benefit commences on the first day of the month following (if not coincident with) the date of retirement, or a later date if elected by the participant, no later than age 65.

Refund of participant contributions

In the event of a participant's death after the commencement of the Retirement Benefit, the designated beneficiary shall receive an amount equal to the excess, if any, of the participant's contributions, with interest, over the aggregate of all Retirement Benefit payments made until date of death.

Cost of Living Adjustment (COLA)

For participants terminating from employment on or after age 55, the monthly benefit amount received after commencement will be adjusted annually based on changes in the cost of living. The Cost of Living Adjustment (COLA) is based on the Consumer Price Index for September of the previous plan year, and is made each January 1st. The COLA can be either positive or negative, but can never increase or decrease more than 4.0%. Additionally, the benefit received can never be less than the amount originally received at commencement. A participant must commence by December 1 to be eligible for a COLA for the following January 1.

Deferred vested pension

Eligibility

Termination of employment after completing at least 3 years of Vesting Service, but prior to reaching eligibility for a Retirement Benefit. Eligibility for the Accrued Benefit derived by contributions made by the participant is not subject to the Vesting Service requirement.

Benefit

The monthly benefit, payable as a single life annuity starting at age 65, equals the participant's Accrued Benefit on the date of termination from employment.

Date payments begin

A participant who terminates employment and is eligible for a Deferred Vested Pension receives a benefit commencing at age 65, or starting on or after age 55, subject to actuarial reduction.

Survivor benefit

Eligibility

Surviving spouse or designated beneficiary of an active vested or deferred vested participant in the event of the participant's death.

Benefit

The monthly Accrued Benefit as of the date of the participant's death. The spouse of a participant whose death came before early retirement eligibility shall receive a benefit calculated as if the participant retired at the earliest possible date, elected to receive the 50% joint and survivor annuity form of payment and died the next day. The spouse of a participant whose death came when already eligible for early retirement shall receive a benefit calculated as if the participant elected to retire and receive a 100% joint and survivor annuity form of payment on the date prior to death. If commencement is prior to the participant's 65th birthday, and before the date the participant would have become eligible for retirement benefits, the benefit is actuarially reduced.

If the participant was not married or not vested at time of death, the participant's contributions, with interest, are to be paid in a lump sum to the designated beneficiary.

Forms of payment

The normal form of payment is a single life annuity. The automatic form of payment for a participant who is married at the benefit commencement date is a 50% joint and survivor annuity.

In lieu of the automatic form of payment, a married participant may elect, subject to the consent of the spouse, to receive an actuarial equivalent retirement benefit in the form of a single life annuity, 75% or 100% joint and survivor annuity, 5-year temporary modified cash refund, 5-year or 10-year certain and life annuity, 5-year or 10-year period certain annuity, or a social security adjustment option annuity.

The portion of the benefit attributed to Participant Contributions, with interest, may be taken as a lump sum.

Summary of Plan Provisions
DIRECTV Program of the AT&T Pension Benefit Plan
Non-Contributory Benefits of the DIRECTV Program

Employees eligible for participation

Any U.S. employee of DIRECTV is eligible to become a participant after one year of service. Those hired before August 1, 1990 were eligible on January 1, 1991, provided they never contributed to the plan for the benefits described in the Contributory benefits section above. Employees hired on or after December 1, 2001 are only eligible for the Cash Balance Benefit described below.

Employees hired or rehired on or after January 1, 2016 are not eligible to participate in the Plan.

The accrued benefits of bargained participants in the DIRECTV Program ceasing to be eligible for the DIRECTV Program and transferring to BCB2 will be frozen on the effective date of their transfer to BCB2. Interest credits will continue for their DIRECTV Program accrued benefits.

Any bargained employee from a participating bargaining unit (and associated NMNUs) hired/rehired according to the dates below will cease to be eligible for the DIRECTV Program.

- IBEW (DIRECTV Techs) (effective January 1, 2017)
- IBEW (DIRECTV Call Center – Mobility Yellow) (effective January 1, 2017)
- CWA District 3 (DIRECTV – Southeast Core Contract) (effective June 1, 2017)
- CWA District 4 (DIRECTV – Midwest Core Contract) (effective June 1, 2017)
- CWA District 6 (DIRECTV – Southwest Core Contract) (effective June 1, 2017)
- CWA (except Districts 3 and 6) (DIRECTV Call Center – Mobility Orange) (effective June 1, 2017)
- CWA District 3 (DIRECTV Call Center – Mobility Black) (effective June 1, 2017)
- CWA District 6 (DIRECTV Call Center – Mobility Purple) (effective June 1, 2017)
- CWA National Internet Contract – Tier 2 (DIRECTV Technical Support) (effective June 1, 2017)
- CWA AT&T Core Contract (DIRECTV OOR Techs) (effective June 1, 2017)
- CWA District 9 (DIRECTV – West Core Contract) (effective January 1, 2018)

Definitions

Benefit accrual service

For purposes of determining the participant's Accrued Benefit, Benefit Accrual Service shall include each month that the participant is employed by the company.

Continuous service

For purposes of determining the participant's eligibility for benefits, Continuous Service is uninterrupted employment with DIRECTV or a member of the parent-subsidary group within the controlled group.

Vesting service

Vesting service is based on Continuous Service beginning with the participant's hire date. Accrued benefits are vested after completing three years of Vesting Service.

Pensionable Pay

For purposes of determining the accrued benefit, Pensionable Pay includes base pay, company-paid time off (including vacation, holidays, bereavement, sick leave, jury duty, and military training), shift differential, overtime, bonuses, sales commissions, and certain company incentives.

Final average monthly compensation

For purposes of determining the accrued benefit, a participant's Final Average Monthly Compensation is defined as the average monthly Pensionable Pay during the highest-paid five years, out of the last 10 consecutive years worked. If the participant has less than 5 years of employment, Final Average Monthly Compensation means the average monthly Pensionable Pay for all years worked.

Social Security retirement age

For purposes of determining retirement benefit eligibility, a participant's Social Security Retirement Age is 65 if born prior to 1938, 66 if born between 1938 and 1954, and 67 if born after 1954.

Non-Contributory benefit

A monthly benefit, equal to the following:

- The sum of 1.50% of Final Average Monthly Compensation multiplied by Benefit Accrual Service up to 35 years, and 0.50% of Final Average Monthly Compensation multiplied by Benefit Accrual Service in excess of 35 years, reduced by
- The product of 0.60% of the lesser of monthly Social Security Covered Compensation and Final Average Monthly Compensation, and Benefit Accrual Service up to 35 years.

No Non-Contributory benefits will accrue after November 30, 2019. All Non-Contributory participants will only accrue benefits under the Cash Balance benefit starting December 1, 2019.

Cash Balance Benefit

A cash balance account where the opening account balance is equal to the following:

- Zero for Contributory and Non-Contributory participants on December 1, 2019
- 3.0% of Pensionable Pay from date of hire to date of participation, for employees who participate on or after July 1, 2010.
- 3.0% of monthly base pay on the date of participation multiplied by the number of whole months between hire date and participation date, for employees who participate on or after December 1, 2007, and before July 1, 2010.
- 2.0% of monthly base pay on the date of participation multiplied by the number of whole months between the later of December 1, 2006 and date of hire, and participation date, for employees who participate on or after December 1, 2006 and before December 1, 2007
- The sum of annual base pay and calendar year 2000 bonus or result-sharing paid in 2001, multiplied by the sum of service used to calculate the Non-Contributory Benefit through November 30, 2001 and up to one year of service before plan participation began, for employees who participate before December 1, 2001
- Employees who participate on or after December 1, 2001 and before December 1, 2006 do not receive an opening account balance since they receive company contribution credits upon their hire date.

The initial account balance of the Cash Balance Benefit is further increased by Company Contribution Credits and Interest Credits as follows:

- **Company contribution credit**

Company contributions to the Cash Balance Benefit account are made on a monthly basis and are equal to a percentage of monthly Pensionable Pay.

The percentage amount is based on years of service and participation date as follows:

- For participation dates on or after December 1, 2007:
 - 3.0% for year of service between 1 and 3,
 - 3.5% for years of service between 3 and 5, and
 - 4.0% for years of service 5 and after
 - For participation dates on or after December 1, 2006, and before December 1, 2007:
 - 2.0% for year of service between 1 and 3,
 - 3.0% for years of service between 3 and 5, and
 - 4.0% for years of service 5 and after
 - For participation dates before December 1, 2006: 4.0% for all years of service.
- **Interest credit**
- Interest is credited monthly to the account balance of the Cash Balance Benefit, at a rate based on the lesser of the 30-year Treasury bond yield for the month of August or October, prior to the plan year.

▪ **Retirement enhancement**

Participants eligible to receive the Cash Balance Benefit are subject to an enhancement of the Cash Balance Benefit account balance if the participant terminates employment within 3 years of Social Security Retirement Age, with at least 10 years of Continuous Service.

Retirement benefit

Eligibility

Termination from employment with a vested benefit and at least age 55.

Accrued benefit

For participants hired before December 1, 2001, the Accrued Benefit is the greater of:

- the Non-Contributory Benefit
- the Cash Balance Benefit.

For participants hired after November 30, 2001, the Accrued Benefit is the Cash Balance Benefit.

Reduction for Non-Contributory benefit

After meeting eligibility for a Retirement Benefit, a participant receives a monthly pension, payable for life, equal to the greater of the Actuarially Equivalent of the Accrued Benefit, or the Accrued Benefit, reduced by $\frac{1}{2}\%$ for each month that the commencement date precedes the participant's Social Security Retirement Age. The benefit is unreduced if the participant is within 3 years of Social Security Retirement Age and has at least 10 years of Continuous Service.

Date payments begin

The benefit commences on the first day of the month following (if not coincident with) the date of retirement, or a later date if elected by the participant.

Deferred vested pension

Eligibility

Termination of employment after completing at least 3 years of Vesting Service, but prior to reaching eligibility for a Retirement Benefit.

Benefit

The monthly benefit, payable as a single life annuity, equals the participant's Accrued Benefit on the date of termination from employment.

Date payments begin

A participant who terminates employment and is eligible for a Deferred Vested Pension may receive a benefit prior to age 65. The Non-Contributory Benefit is subject to actuarial reduction for commencement prior to Social Security Retirement Age.

Survivor benefit

Eligibility

Surviving spouse of an active vested or deferred vested participant in the event of the participant's death.

Benefit

The monthly Accrued Benefit as of the date of the participant's death. The spouse of a participant whose death came before early retirement eligibility shall receive a benefit calculated as if the participant retired at the earliest possible date, elected to receive the 50% joint and survivor annuity form of payment and died the next day. The spouse of a participant whose death came when already eligible for early retirement shall receive a benefit calculated as if the participant elected to retire and receive a 100% joint and survivor annuity form of payment on the date prior to death. If commencement is prior to the participant's 65th birthday, and before the date the participant would have become eligible for retirement benefits, the benefit is actuarially reduced.

If the Accrued Benefit as of the date of the participant's death would be the Cash Balance Benefit, the surviving spouse is eligible to receive a lump sum of the account balance or a corresponding annuity payment option.

Forms of payment

The normal form of payment is a single life annuity. The automatic form of payment for a participant who is married at the benefit commencement date is a 50% joint and survivor annuity.

In lieu of the automatic form of payment, a married participant may elect, subject to the consent of the spouse, to receive an actuarial equivalent retirement benefit in the form of a single life annuity, 75% or 100% joint and survivor annuity, 10-year certain and life annuity, 10-year period certain annuity, or a lump sum.

The lump sum benefit under the Cash Balance Benefit is equal to the Cash Balance Account.

Summary of Plan Provisions

Bargained Cash Balance 2 Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any bargained employee from a participating bargaining unit (and associated NMNUs) hired/rehired according to the dates below will become a participant on the day after completing one year of Participation Service.

- CWA (AT&T Services, Inc. (National Internet Contract), Tier 1) (since Jan. 1, 2007), no lump sum
- CWA District 6 (AT&T Mobility Services LLC – Mobility Purple) (effective Jan. 1, 2009), lump sum eligible
- CWA (except Districts 3 and 6) (AT&T Mobility Services LLC – Mobility Orange) (effective Jan. 1, 2010), no lump sum
- CWA District 4 (AT&T Midwest Core Contract) (including Appendix G) (effective Jan. 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA District 4 (SBC Global Services, Inc., COS) (effective Jan. 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA District 9 (AT&T West Core Contract) (effective Jan. 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- IBEW System Council T-3 (AT&T Core Contract) (effective Jan. 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- IBEW System Council T-3 (AT&T Midwest Core Contract) (effective Jan. 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- IBEW Local 1269 (Pacific Bell Telephone Company) (effective Jan. 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA (AT&T Core Contract) (effective April 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA District 6 (AT&T Southwest Core Contract) (effective April 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- IBEW Local 21 (SBC Global Services, Inc.) (effective April 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- IBEW Local 58 (SBC Global Services, Inc.) (effective April 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- IBEW Local 134 (SBC Global Services, Inc.) (effective April 1, 2010 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA District 3 (AT&T Southeast Core Contract) (effective Jan. 1, 2011 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA District 3 (AT&T Billing Southeast) (effective Jan. 1, 2011 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA District 3 (BellSouth Telecommunications, LLC – Internet Services & Utility Ops) (effective Jan. 1, 2011 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA District 1 (AT&T East Core Contract) (effective Jan. 1, 2011 for hires/rehires on or after Aug. 9, 2009), lump sum eligible
- CWA District 3 (AT&T Mobility Services LLC – Mobility Black) (effective Jan. 1, 2011, for hires/rehires/transfers before Jan. 1, 2015), no lump sum

- CWA (AT&T Services, Inc. (National Internet Contract), Tier 2) (effective June 1, 2011 for hires/rehires on or after January 1, 2011), no lump sum
- IBEW Local 1547 (AT&T Mobility Services LLC – Mobility Blue) (effective June 1, 2011 for hires/rehires/transfers on or after June 1, 2011 but before Jan. 1, 2016), no lump sum
- IBEW Local 1547 (Alascom, Inc.) (effective Jan. 1, 2012 for hires/rehires on or after January 1, 2012), no lump sum
- CWA District 3 (AT&T Southeast Core Contract) (effective April 1, 2013 for individuals employed as Wire Technicians), lump sum eligible
- CWA District 9 (SBC Global Services, Inc. – CA/NV) (effective Jan. 1, 2014 for hires/rehires on or after Jan. 1, 2014), lump sum eligible
- CWA District 3 (BellSouth Telecommunications, LLC - Utility Operations) (effective June 1, 2016 for hires/rehires prior to Aug. 9, 2009), lump sum eligible
- IBEW (DIRECTV Techs) (effective January 1, 2017), lump sum eligible
- IBEW (DIRECTV Call Center – Mobility Yellow) (effective January 1, 2017), lump sum eligible
- CWA District 3 (DIRECTV – Southeast Core Contract) (effective June 1, 2017), lump sum eligible
- CWA District 4 (DIRECTV – Midwest Core Contract) (effective June 1, 2017), lump sum eligible
- CWA District 6 (DIRECTV – Southwest Core Contract) (effective June 1, 2017), lump sum eligible
- CWA (except Districts 3 and 6) (DIRECTV Call Center – Mobility Orange) (effective June 1, 2017), no lump sum
- CWA District 6 (DIRECTV Call Center – Mobility Purple) (effective June 1, 2017), lump sum eligible
- CWA National Internet Contract – Tier 2 (DIRECTV Technical Support) (effective June 1, 2017), no lump sum
- CWA AT&T Core Contract (DIRECTV OOR Techs) (effective June 1, 2017), lump sum eligible
- CWA District 9 (DIRECTV – West Core Contract) (effective January 1, 2018), lump sum eligible

Definitions

Vesting service

Vesting service is calculated on an elapsed time basis. Accrued benefits will now be vested after three years.

Eligible compensation

The sum of a participant's:

- Actual base pay
- Group incentive compensation (e.g., Team Award, STIP, etc.)
- Individual nondiscretionary incentive compensation (e.g., commissions)
- Individual Discretionary Awards (IDA)
- Lump sum special payments
- Success Sharing Plan payments that are not contributed to an HRA
- Target Incentive Compensation

Cash balance benefit

After completing one year of Participation Service, the Cash Balance benefit earns basic credits, interest credits and supplemental credits as follows:

■ **Basic credits**

The basic credit equals eligible compensation multiplied by the age credit factor. The age credit factor is based on attained age at the end of the month in which credits are applied from the following age credit factor table (except as specified below):

Attained age	Age credit factor
under 30	1.75%
30-36	2.25%
37-43	2.75%
44-49	3.25%
50 & over	4.00%

For the corresponding programs and effective dates detailed below, the following age credit factor table applies:

Attained age	Age credit factor
under 30	1.77%
30-36	2.27%
37-43	2.78%
44-49	3.28%
50 & over	4.04%

- Effective January 1, 2013, for the participants represented by the following: CWA (AT&T Core Contract), CWA District 4 (AT&T Midwest Core Contract), CWA District 4 (SBC Global Services, Inc. (COS)), CWA District 3 (AT&T Southeast Core Contract), CWA District 3 (BellSouth Telecommunications, LLC (Utility Operations)), CWA District 3 (AT&T Billing Southeast, LLC), CWA District 9 (AT&T West Core Contract), and IBEW Local 1269 (Pacific Bell Telephone Company).

- Effective January 1, 2014, for the participants represented by the following: CWA District 6 (AT&T Southwest Core Contract), CWA District 1 (AT&T East Core Contract), IBEW System Council T-3 (AT&T Core Contract), IBEW System Council T-3 (AT&T Midwest Core Contract), IBEW Local 21 (SBC Global Services, Inc.), IBEW Local 58 (SBC Global Services, Inc.), IBEW Local 134 (SBC Global Services, Inc.), and CWA District 9 (SBC Global Services, Inc. – CA/NV).
- Effective January 1, 2015, for the participants represented by the following: CWA (AT&T Services, Inc. (National Internet Contract), Tier 1), and CWA (AT&T Services, Inc. (National Internet Contract), Tier 2)

■ **Interest credits**

Interest is credited to the cash balance account monthly at an effective annual rate of 4.5%.

■ **Supplemental credits**

The Supplemental credits equals eligible compensation in excess of the Social Security Wage Base, if any, multiplied by 2%.

Forms of payment

If a participant terminates for any reason with at least 3 years of vesting service, they are eligible to receive their cash balance account in one of the available payment forms.

The normal form is a straight life annuity. The automatic form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity, with 50% of the benefit continuing to the surviving spouse upon the earlier death of the Participant. Cash balance accounts are converted to an annuity based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and a 5% interest crediting rate.

In lieu of the automatic form of payment, a Participant may elect, with the proper spousal consent, to receive an actuarial equivalent retirement benefit in the form of a single life annuity or a 75% joint and survivor annuity. Effective January 1, 2010, if allowed under their current contract, participants may elect to receive a lump sum benefit.

In case of death, the beneficiary receives 50% of the benefit, as if the participant had elected a 50% qualified joint and survivor at the time of death.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

Summary of Plan Provisions

Management Cash Balance Program of the AT&T Pension Benefit Plan

Employees eligible for participation

Any US domestic management employee hired/rehired on or after January 1, 2006 for AT&T Mobility and January 1, 2007 for all other participating companies will become a participant the day after completing one year of Participation Service. This program was closed to new hires and rehires on or after January 1, 2015.

DIRECTV management employees with hire dates prior to January 1, 2016 transferring to an AT&T management position after July 24, 2015 will become an eligible employee under this program.

Definitions

Vesting service

Vesting service is calculated on an elapsed time basis. Accrued benefits are vested after three years.

Eligible compensation

The sum of a participant's:

- Actual base pay
- Group incentive compensation (e.g., Team Award, STIP, etc.)
- Individual nondiscretionary incentive compensation (e.g., commissions)
- Individual Discretionary Awards (IDA)
- Lump sum special payments
- Short Term Incentive Plan payments, paid on or after January 1, 2010, for participants promoted to officer level on or after January 1, 2009

Cash balance benefit

After completing one year of Participation Service, the Cash Balance benefit earns basic credits, interest credits and supplemental credits as follows:

■ **Basic credits**

The basic credit equals eligible compensation multiplied by the age credit factor. The age credit factor is based on attained age at the end of the month in which credits are applied from the following age credit factor table:

Attained age	Age credit factor
under 30	1.75%
30-36	2.25%
37-43	2.75%
44-49	3.25%
50 & over	4.00%

■ **Interest credits**

Interest is credited to the cash balance account monthly at an effective annual rate of 4.5%.

■ **Supplemental credits**

The Supplemental credits equals eligible compensation in excess of the Social Security Wage Base, if any, multiplied by 2%.

Forms of payment

If a participant terminates for any reason with at least 3 years of vesting service, they are eligible to receive their cash balance account in one of the available payment forms.

The normal form is a straight life annuity. The automatic form of payment for a Participant who is married at the benefit commencement date is a reduced qualified joint and survivor annuity, with 50% of the benefit continuing to the surviving spouse upon the earlier death of the Participant.

In lieu of the automatic form of payment, a Participant may elect, with the proper spousal consent, to receive an actuarial equivalent retirement benefit in the form of a single life annuity or a 75% joint and survivor annuity or lump sum.

Cash balance accounts are converted to an annuity based on GATT mortality (IRS Applicable Mortality Table pursuant to IRS RR2001-62) and a 5% interest crediting rate.

In case of death, the beneficiary receives 50% of the benefit, as if the participant had elected a 50% qualified joint and survivor at the time of death. The beneficiary may elect a lump sum.

A Lump Sum Offer (LSO) was provided to participants meeting the Modified Rule of 75 as of December 30, 2013, provided they terminate employment by December 30, 2013 unless they are metered. The amount of the LSO lump sum was based on the full accrued benefit and calculated using an August 2012 lookback month for the lump sum conversion basis, if greater than the plan actuarial equivalence.

An Enhanced Pension Offer (EPO) was provided to participants who are Management Employees as of December 10, 2014, as long as they do not become a Bargaining Unit Employee prior to termination and meet the Modified Rule of 75 as of March 31, 2015. Participants who elect the EPO must terminate employment by March 31, 2015 and elect an Annuity Starting Date of April 1, 2015, unless they are metered. The amount of the EPO benefit is their normal pension benefit under the Plan, increased by 10%.

Benefits not valued

No benefits are excluded that would materially affect the liabilities.

EIN 43-1301883/PN 006

AT&T Pension Benefit Plan
2018 Schedule SB, Line 32 — Schedule of Amortization Bases

Schedule of Amortization Bases

Type of Base	Present Value of Any Remaining Installments	Valuation Date	Years Remaining	Amortization Installment
Shortfall Amortization Base	\$ 4,391,030,000	1/1/2011	8	\$ 737,816,000
Shortfall Amortization Base	\$ (908,028,000)	1/1/2012	1	\$ (908,028,000)
Shortfall Amortization Base	\$ (397,122,000)	1/1/2013	2	\$ (202,378,000)
Shortfall Amortization Base	\$ 253,632,000	1/1/2014	3	\$ 87,815,000
Shortfall Amortization Base	\$ (950,871,000)	1/1/2015	4	\$ (251,599,000)
Shortfall Amortization Base	\$ (291,114,000)	1/1/2016	5	\$ (62,784,000)
Shortfall Amortization Base	\$ 161,403,000	1/1/2017	6	\$ 29,883,000
Shortfall Amortization Base	\$ 1,498,159,000	1/1/2018	7	\$ 244,574,000
Total	\$ 3,757,089,000			\$ - ¹

¹ Not less than zero.

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AT&T Pension Benefit Plan

2018 Schedule SB, Line 24 — Change in Non-Prescribed Actuarial Assumptions

Effective January 1, 2018, the changes in actuarial assumptions are as follows:

- The expected long-term rate of return on assets (net of administrative expenses) for determining the Value of Plan Assets was changed from 7.75% to 7.00%.