

Quarter: 2nd Quarter 2016  
2nd Quarter 2016 Contribution Factor

Transmittal Number: TR 1332  
(Replace ??? With the actual number; It will be populated on all forms.)  
0.179  
**(e = .179)**

Mar 2016 Access Lines

**Verizon - East**  
**Summary of FCC Waiver FUSF Rates**  
**2nd Quarter 2016**

WP USF - 1  
 TR 1332

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Res	DC	\$ 0.72
Non-Primary Res	DC	0.72
Single Line Bus	DC	0.72
Multi Line Bus - Payphone	DC	1.12
BRI - ISDN	DC	1.49
PRI - ISDN	DC	14.59
Multi Line Bus - Other	DC	1.67
PBX Trunk w/o End User Port Charge	DC	1.67
PBX Trunk with End User Port Charge	DC	1.85
Centrex (>= 9 Lines )	DC *	0.13
Centrex ( 8 Lines )	DC *	0.15
Centrex ( 7 Lines )	DC *	0.17
Centrex ( 6 Lines )	DC *	0.19
Centrex ( 5 Lines )	DC *	0.23
Centrex ( 4 Lines )	DC *	0.29
Centrex ( 3 Lines )	DC *	0.39
Centrex ( 2 Lines )	DC *	0.58
Centrex ( 1 Line )	DC *	1.16
Note * : Centrex Verizon DC - First 1-9 lines (Flat Rate)		
	1.16	10 lines and over (per line) \$0.13
Res	MD	\$ 1.23
Non-Primary Res	MD	1.23
Single Line Bus	MD	1.23
Multi Line Bus - Payphone	MD	1.44
BRI - ISDN	MD	2.52
PRI - ISDN	MD	19.17
Multi Line Bus - Other	MD	2.42
PBX Trunk w/o End User Port Charge	MD	2.42
PBX Trunk with End User Port Charge	MD	2.64
Centrex (>= 9 Lines )	MD *	0.21
Centrex ( 8 Lines )	MD *	0.23
Centrex ( 7 Lines )	MD *	0.26
Centrex ( 6 Lines )	MD *	0.31
Centrex ( 5 Lines )	MD *	0.37
Centrex ( 4 Lines )	MD *	0.46
Centrex ( 3 Lines )	MD *	0.62
Centrex ( 2 Lines )	MD *	0.92
Centrex ( 1 Line )	MD *	1.85
Note * : Centrex Verizon MD - First 1-9 lines (Flat Rate)		
	1.85	10 lines and over (per line) 0.21
Res	VA	\$ 1.09
Non-Primary Res	VA	1.09
Single Line Bus	VA	1.30
Multi Line Bus - Payphone	VA	1.52
BRI - ISDN	VA	2.10
PRI - ISDN	VA	18.04
Multi Line Bus - Other	VA	2.33
PBX Trunk w/o End User Port Charge	VA	2.33
PBX Trunk with End User Port Charge	VA	2.51
Centrex (>= 9 Lines )	VA *	0.20
Centrex ( 8 Lines )	VA *	0.23
Centrex ( 7 Lines )	VA *	0.26
Centrex ( 6 Lines )	VA *	0.30
Centrex ( 5 Lines )	VA *	0.36
Centrex ( 4 Lines )	VA *	0.45
Centrex ( 3 Lines )	VA *	0.60
Centrex ( 2 Lines )	VA *	0.90
Centrex ( 1 Line )	VA *	1.81
Note * : Centrex Verizon VA - First 1-9 lines (Flat Rate)		
	1.81	10 lines and over (per line) 0.20

Verizon - East  
 Summary of FCC Waiver FUSF Rates  
 2nd Quarter 2016

WP USF - 1  
 TR 1332

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Non-Primary Res	DE	1.37
Single Line Bus	DE	1.37
Multi Line Bus - Payphone	DE	1.58
BRI - ISDN	DE	2.98
PRI - ISDN	DE	21.96
Multi Line Bus - Other	DE	2.87
PBX Trunk w/o End User Port Charge	DE	2.87
PBX Trunk with End User Port Charge	DE	3.10
Centrex (>= 9 Lines )	DE	0.25
Centrex ( 8 Lines )	DE	0.28
Centrex ( 7 Lines )	DE	0.32
Centrex ( 6 Lines )	DE	0.38
Centrex ( 5 Lines )	DE	0.45
Centrex ( 4 Lines )	DE	0.56
Centrex ( 3 Lines )	DE	0.75
Centrex ( 2 Lines )	DE	1.13
Centrex ( 1 Line )	DE	2.25
Res	NJ	\$ 1.34
Non-Primary Res	NJ	1.34
Single Line Bus	NJ	1.34
Multi Line Bus - Payphone	NJ	1.56
BRI - ISDN	NJ	2.59
PRI - ISDN	NJ	19.22
Multi Line Bus - Other	NJ	2.51
PBX Trunk w/o End User Port Charge	NJ	2.51
PBX Trunk with End User Port Charge	NJ	2.70
Centrex (>= 9 Lines )	NJ	0.22
Centrex ( 8 Lines )	NJ	0.24
Centrex ( 7 Lines )	NJ	0.28
Centrex ( 6 Lines )	NJ	0.33
Centrex ( 5 Lines )	NJ	0.39
Centrex ( 4 Lines )	NJ	0.49
Centrex ( 3 Lines )	NJ	0.65
Centrex ( 2 Lines )	NJ	0.98
Centrex ( 1 Line )	NJ	1.96
Res	PA (P1)	\$ 1.26
Non-Primary Res	PA (P1)	1.26
Single Line Bus	PA (P1)	1.26
Multi Line Bus - Payphone	PA (P1)	1.47
BRI - ISDN	PA (P1)	2.86
PRI - ISDN	PA (P1)	21.62
Multi Line Bus - Other	PA (P1)	2.75
PBX Trunk w/o End User Port Charge	PA (P1)	2.75
PBX Trunk with End User Port Charge	PA (P1)	2.99
Centrex (>= 9 Lines )	PA (P1)	0.24
Centrex ( 8 Lines )	PA (P1)	0.27
Centrex ( 7 Lines )	PA (P1)	0.30
Centrex ( 6 Lines )	PA (P1)	0.36
Centrex ( 5 Lines )	PA (P1)	0.43
Centrex ( 4 Lines )	PA (P1)	0.53
Centrex ( 3 Lines )	PA (P1)	0.71
Centrex ( 2 Lines )	PA (P1)	1.07
Centrex ( 1 Line )	PA (P1)	2.13

Verizon - East  
 Summary of FCC Waiver FUSF Rates  
 2nd Quarter 2016

WP USF - 1  
 TR 1332

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Res	NY	\$ 1.15
Non-Primary Res	NY	1.15
Single Line Bus	NY	1.36
Multi Line Bus - Payphone	NY	1.58
BRI - ISDN	NY	2.29
PRI - ISDN	NY	24.69
Multi Line Bus - Other	NY	2.42
PBX Trunk w/o End User Port Charge	NY	2.42
PBX Trunk with End User Port Charge	NY	2.74
Centrex (>= 9 Lines )	NY	0.21
Centrex ( 8 Lines )	NY	0.24
Centrex ( 7 Lines )	NY	0.27
Centrex ( 6 Lines )	NY	0.32
Centrex ( 5 Lines )	NY	0.38
Centrex ( 4 Lines )	NY	0.48
Centrex ( 3 Lines )	NY	0.63
Centrex ( 2 Lines )	NY	0.95
Centrex ( 1 Line )	NY	1.90
Res	NEW ENGLAND	\$ 1.36
Non-Primary Res	NEW ENGLAND	1.36
Single Line Bus	NEW ENGLAND	1.36
Multi Line Bus - Payphone	NEW ENGLAND	1.58
BRI - ISDN	NEW ENGLAND	2.84
PRI - ISDN	NEW ENGLAND	26.88
Multi Line Bus - Other	NEW ENGLAND	2.64
PBX Trunk w/o End User Port Charge	NEW ENGLAND	2.64
PBX Trunk with End User Port Charge	NEW ENGLAND	2.99
Centrex (>= 9 Lines )	NEW ENGLAND	0.23
Centrex ( 8 Lines )	NEW ENGLAND	0.26
Centrex ( 7 Lines )	NEW ENGLAND	0.30
Centrex ( 6 Lines )	NEW ENGLAND	0.34
Centrex ( 5 Lines )	NEW ENGLAND	0.41
Centrex ( 4 Lines )	NEW ENGLAND	0.52
Centrex ( 3 Lines )	NEW ENGLAND	0.69
Centrex ( 2 Lines )	NEW ENGLAND	1.03
Centrex ( 1 Line )	NEW ENGLAND	2.07
Res	CT	\$ 1.36
Non-Primary Res	CT	\$ 1.36
Single Line Bus	CT	\$ 1.36
Multi Line Bus - Payphone	CT	\$ 1.58
BRI - ISDN	CT	2.60
PRI - ISDN	CT	24.66
Multi Line Bus - Other	CT	2.42
PBX Trunk w/o End User Port Charge	CT	2.42
PBX Trunk with End User Port Charge	CT	2.74
Centrex (>= 9 Lines )	CT	0.21
Centrex ( 8 Lines )	CT	0.24
Centrex ( 7 Lines )	CT	0.27
Centrex ( 6 Lines )	CT	0.32
Centrex ( 5 Lines )	CT	0.38
Centrex ( 4 Lines )	CT	0.47
Centrex ( 3 Lines )	CT	0.63
Centrex ( 2 Lines )	CT	0.95
Centrex ( 1 Line )	CT	1.90







Verizon - East  
Calculation of FUSF Rates  
2nd Quarter 2016

Service Type	Area	State	2nd Quarter 2016					
			(SLC)	(ARC)	(Port Chg)	Sum	Contribution Factor	USF Rate
			(a)	(b)	(c)	(d = a+b+c)	(e = .179)	(f = d x e)
Res, SL Bus	East - South	DC	3.89	0.15	N/A	4.04		0.72
Res, SL Bus	East - South	MD	5.69	1.17	N/A	6.86		1.23
Res, SL Bus	East - South	VA	6.11	1.17	N/A	7.28		1.30
Res, SL Bus	East - South	DE	6.47	1.17	N/A	7.64		1.37
Res, SL Bus	East - South	NJ	6.33	1.17	N/A	7.50		1.34
Res, SL Bus	East - South	PA	5.88	1.17	N/A	7.05		1.26
Non-Primary Res	East - South	DC	3.89	0.15	N/A	4.04		0.72
Non-Primary Res	East - South	MD	5.69	1.17	N/A	6.86		1.23
Non-Primary Res	East - South	VA	6.11	1.17	N/A	7.28		1.30
Non-Primary Res	East - South	DE	6.47	1.17	N/A	7.64		1.37
Non-Primary Res	East - South	NJ	6.33	1.17	N/A	7.50		1.34
Non-Primary Res	East - South	PA	5.88	1.17	N/A	7.05		1.26
Multi-Line Bus - Other	East - South	DC	3.89	2.36	N/A	6.25		1.12
Multi-Line Bus - Other	East - South	MD	5.69	2.36	N/A	8.05		1.44
Multi-Line Bus - Other	East - South	VA	6.11	2.36	N/A	8.47		1.52
Multi-Line Bus - Other	East - South	DE	6.47	2.36	N/A	8.83		1.58
Multi-Line Bus - Other	East - South	NJ	6.33	2.36	N/A	8.69		1.56
Multi-Line Bus - Other	East - South	PA	5.88	2.36	N/A	8.24		1.47
Multi-Line Bus - Payphone	East - South	DC	3.89	2.36	N/A	6.25		1.12
Multi-Line Bus - Payphone	East - South	MD	5.69	2.36	N/A	8.05		1.44
Multi-Line Bus - Payphone	East - South	VA	6.11	2.36	N/A	8.47		1.52
Multi-Line Bus - Payphone	East - South	DE	6.47	2.36	N/A	8.83		1.58
Multi-Line Bus - Payphone	East - South	NJ	6.33	2.36	N/A	8.69		1.56
Multi-Line Bus - Payphone	East - South	PA	5.88	2.36	N/A	8.24		1.47
BRI - ISDN	East - South	DC	3.89	0.15	1.52	5.56		1.00
BRI - ISDN	East - South	MD	5.69	1.17	1.52	8.38		1.50
BRI - ISDN	East - South	VA	6.11	0	1.52	7.63		1.37
BRI - ISDN	East - South	DE	6.47	1.17	1.52	9.16		1.64
BRI - ISDN	East - South	NJ	6.33	1.17	1.52	9.02		1.61
BRI - ISDN	East - South	PA	5.88	1.17	1.52	8.57		1.53
PRI - ISDN	East - South	DC	19.45	11.80	23.43	54.68		9.79
PRI - ISDN	East - South	MD	28.45	11.80	23.43	63.68		11.40
PRI - ISDN	East - South	VA	30.55	11.80	23.43	65.78		11.77
PRI - ISDN	East - South	DE	32.35	11.80	23.43	67.58		12.10
PRI - ISDN	East - South	NJ	31.65	11.80	23.43	66.88		11.97
PRI - ISDN	East - South	PA	29.40	11.80	23.43	64.63		11.57
PBX Trunks w/o End User Port Charge	East - South	DC	3.89	2.36	N/A	6.25		1.12
PBX Trunks w/o End User Port Charge	East - South	MD	5.69	2.36	N/A	8.05		1.44
PBX Trunks w/o End User Port Charge	East - South	VA	6.11	2.36	N/A	8.47		1.52
PBX Trunks w/o End User Port Charge	East - South	DE	6.47	2.36	N/A	8.83		1.58
PBX Trunks w/o End User Port Charge	East - South	NJ	6.33	2.36	N/A	8.69		1.56
PBX Trunks w/o End User Port Charge	East - South	PA	5.88	2.36	N/A	8.24		1.47

Verizon - East  
Calculation of FUSF Rates  
2nd Quarter 2016

Service Type	Area	State	2nd Quarter 2016					
			(SLC)	(ARC)	(Port Chg)	Sum	Contribution Factor	USF Rate
			(a)	(b)	(c)	(d = a+b+c)	(e = .179)	(f = d x e)
PBX Trunks with End User Port Charge (DID)	East - South	DC	3.89	2.36	0.70	6.95		1.24
PBX Trunks with End User Port Charge (DID)	East - South	MD	5.69	2.36	0.70	8.75		1.57
PBX Trunks with End User Port Charge (DID)	East - South	VA	6.11	2.36	0.70	9.17		1.64
PBX Trunks with End User Port Charge (DID)	East - South	DE	6.47	2.36	0.70	9.53		1.71
PBX Trunks with End User Port Charge (DID)	East - South	NJ	6.33	2.36	0.70	9.39		1.68
PBX Trunks with End User Port Charge (DID)	East - South	PA	5.88	2.36	0.70	8.94		1.60
Centrex (>= 9 Lines )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex ( 8 Lines )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex ( 7 Lines )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex ( 6 Lines )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex ( 5 Lines )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex ( 4 Lines )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex ( 3 Lines )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex ( 2 Lines )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex ( 1 Line )	East - South	DC	3.89	0.47	N/A	4.36		0.78
Centrex (>= 9 Lines )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex ( 8 Lines )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex ( 7 Lines )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex ( 6 Lines )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex ( 5 Lines )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex ( 4 Lines )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex ( 3 Lines )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex ( 2 Lines )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex ( 1 Line )	East - South	MD	5.69	0.47	N/A	6.16		1.10
Centrex (>= 9 Lines )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex ( 8 Lines )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex ( 7 Lines )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex ( 6 Lines )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex ( 5 Lines )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex ( 4 Lines )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex ( 3 Lines )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex ( 2 Lines )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex ( 1 Line )	East - South	VA	6.11	0.47	N/A	6.58		1.18
Centrex (>= 9 Lines )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex ( 8 Lines )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex ( 7 Lines )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex ( 6 Lines )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex ( 5 Lines )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex ( 4 Lines )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex ( 3 Lines )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex ( 2 Lines )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex ( 1 Line )	East - South	DE	6.47	0.47	N/A	6.94		1.24
Centrex (>= 9 Lines )	East - South	NJ	6.33	0.47	N/A	6.80		1.22
Centrex ( 8 Lines )	East - South	NJ	6.33	0.47	N/A	6.80		1.22
Centrex ( 7 Lines )	East - South	NJ	6.33	0.47	N/A	6.80		1.22
Centrex ( 6 Lines )	East - South	NJ	6.33	0.47	N/A	6.80		1.22
Centrex ( 5 Lines )	East - South	NJ	6.33	0.47	N/A	6.80		1.22
Centrex ( 4 Lines )	East - South	NJ	6.33	0.47	N/A	6.80		1.22
Centrex ( 3 Lines )	East - South	NJ	6.33	0.47	N/A	6.80		1.22
Centrex ( 2 Lines )	East - South	NJ	6.33	0.47	N/A	6.80		1.22

Verizon - East  
Calculation of FUSF Rates  
2nd Quarter 2016

Service Type	Area	State	(SLC)	(ARC)	(Port Chg)	2nd Quarter 2016		
						Sum	Contribution Factor	USF Rate
			(a)	(b)	(c)	(d = a+b+c)	(e = .179)	(f = d x e)
Centrex ( 1 Line )	East - South	NJ	6.33	0.47	N/A	6.80		1.22
Centrex (>= 9 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Centrex ( 8 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Centrex ( 7 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Centrex ( 6 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Centrex ( 5 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Centrex ( 4 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Centrex ( 3 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Centrex ( 2 Lines )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Centrex ( 1 Line )	East - South	PA	5.88	0.47	N/A	6.35		1.14
Res, SL Bus	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	1.17	N/A	7.61		1.36
Non-Primary Res	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	1.17	N/A	7.61		1.36
BRI - ISDN	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	1.17	1.90	9.51		1.70
PRI - ISDN	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	32.20	11.8	46.01	90.01		16.11
Multi Line Bus - Other Except PBX & Flexpath	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	2.36	N/A	8.80		1.58
Multi Line Bus - Payphone	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	2.36	N/A	8.80		1.58
PBX Trunks & Flexpath w/o Line Port Charges	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	2.36	N/A	8.80		1.58
PBX Trunks with End User Port Charge (DID / Flexpath)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	2.36	1.21	10.01		1.79
Centrex (>= 9 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24
Centrex ( 8 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24
Centrex ( 7 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24
Centrex ( 6 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24
Centrex ( 5 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24
Centrex ( 4 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24
Centrex ( 3 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24
Centrex ( 2 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24
Centrex ( 1 Line )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.44	0.47	N/A	6.91		1.24

Note: (a) New England is comprised of Massachusetts and Rhode Island.  
(B) New York and Virginia Residents are not charged the ARC rate

USF Rate w/out ARC

(f1=a x e)

1.09

1.09

USF Rate w/out ARC

(f1=a x e)

USF Rate w/out ARC

(f1=a x e)

1.15  
1.15  
1.49

**Verizon - East**  
**Ratemaking for FUSF Per-line using Centrex Equivalency**  
**2nd Quarter 2016**

WP USF - 3  
 TR 1332

Service Type	State	FCC Order - Separate Rates			Monthly FUSF Req.			FCC Waiver	Accuracy Validation	
		Billing Lines (a)	Max USF Rate Prior to Waiver (b)	Full Rate Requirement (c = a x b)	CTX Rates PICC Structure (d = b / 9, 8, 7, etc.)	Monthly CTX Loss (e = [b -d] x a)	Adjusted Revenue Base (f = c -e)	Adjusted ML Rates (g = rate x factor)	Total Recovery (h = [b x a]+[g x a])	Variance (i = h - c)
<b>Multi-line Rates</b>										
BRI - ISDN	DC	52,695	\$ 1.00	\$ 52,695			\$ 52,695	\$ 1.49	\$ 78,510	\$ 25,815
PRI - ISDN	DC	3,319	9.79	32,493			32,493	14.59	48,411	15,918
Multi Line Bus - Other	DC	29,143	1.12	32,640			32,640	1.67	48,631	15,991
PBX Trunk w/o End User Port Charge	DC	6,731	1.12	7,539			7,539	1.67	11,232	3,693
Centrex (>= 9 Lines )	DC	85,780	0.78	66,908	\$ 0.086666667	\$ 59,474	7,434	0.13	11,076	(55,832)
Centrex ( 8 Lines )	DC	1,337	0.78	1,043	0.09750000	913	130	0.15	194	(849)
Centrex ( 7 Lines )	DC	1,315	0.78	1,026	0.11142857	879	147	0.17	218	(807)
Centrex ( 6 Lines )	DC	1,579	0.78	1,232	0.13000000	1,026	205	0.19	306	(926)
Centrex ( 5 Lines )	DC	1,641	0.78	1,280	0.15600000	1,024	256	0.23	381	(899)
Centrex ( 4 Lines )	DC	1,986	0.78	1,549	0.19500000	1,162	387	0.29	577	(972)
Centrex ( 3 Lines )	DC	1,962	0.78	1,530	0.26000000	1,020	510	0.39	760	(770)
Centrex ( 2 Lines )	DC	2,161	0.78	1,686	0.39000000	843	843	0.58	1,256	(430)
Centrex ( 1 Line )	DC	176	0.78	137	0.78000000	-	137	1.16	205	67
		<u>189,825</u>		<u>\$ 201,758</u>		<u>\$ 66,341</u>	<u>\$ 135,417</u>		<u>\$ 201,758</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor								1.489901182		
<b>Multi-line Rates</b>										
BRI - ISDN	MD	41,923	\$ 1.50	\$ 62,885			\$ 62,885	\$ 2.52	\$ 105,723	\$ 42,839
PRI - ISDN	MD	4,649	11.40	52,999			52,999	19.17	89,103	36,104
Multi Line Bus - Other	MD	125,226	1.44	180,325			180,325	2.42	303,168	122,843
PBX Trunk w/o End User Port Charge	MD	16,542	1.44	23,820			23,820	2.42	40,048	16,227
Centrex (>= 9 Lines )	MD	172,975	1.10	190,273	\$ 0.122222222	\$ 169,131	21,141	0.21	35,544	(154,729)
Centrex ( 8 Lines )	MD	9,186	1.10	10,105	0.13750000	8,842	1,263	0.23	2,124	(7,981)
Centrex ( 7 Lines )	MD	9,621	1.10	10,583	0.15714286	9,071	1,512	0.26	2,542	(8,041)
Centrex ( 6 Lines )	MD	13,080	1.10	14,388	0.18333333	11,990	2,398	0.31	4,032	(10,356)
Centrex ( 5 Lines )	MD	15,046	1.10	16,551	0.22000000	13,240	3,310	0.37	5,565	(10,986)
Centrex ( 4 Lines )	MD	18,637	1.10	20,501	0.27500000	15,376	5,125	0.46	8,617	(11,884)
Centrex ( 3 Lines )	MD	20,409	1.10	22,450	0.36666667	14,967	7,483	0.62	12,581	(9,869)
Centrex ( 2 Lines )	MD	26,503	1.10	29,153	0.55000000	14,577	14,577	0.92	24,507	(4,647)
Centrex ( 1 Line )	MD	639	1.10	703	1.10000000	-	703	1.85	1,182	479
		<u>474,436</u>		<u>\$ 634,734</u>		<u>\$ 257,193</u>	<u>\$ 377,541</u>		<u>\$ 634,734</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor								1.681232593		
<b>Multi-line Rates</b>										
BRI - ISDN	VA	41,464	\$ 1.37	\$ 56,806			\$ 56,806	\$ 2.10	\$ 87,056	\$ 30,250
PRI - ISDN	VA	5,298	11.77	62,357			62,357	18.04	95,564	33,207
Multi Line Bus - Other	VA	110,578	1.52	168,078			168,078	2.33	257,584	89,506
PBX Trunk w/o End User Port Charge	VA	14,995	1.52	22,792			22,792	2.33	34,930	12,138
Centrex (>= 9 Lines )	VA	116,938	1.18	137,987	\$ 0.131111111	\$ 122,655	15,332	0.20	23,496	(114,490)
Centrex ( 8 Lines )	VA	6,066	1.18	7,158	0.14750000	6,263	895	0.23	1,371	(5,787)
Centrex ( 7 Lines )	VA	6,791	1.18	8,013	0.16857143	6,869	1,145	0.26	1,754	(6,259)
Centrex ( 6 Lines )	VA	9,010	1.18	10,632	0.19666667	8,860	1,772	0.30	2,716	(7,916)
Centrex ( 5 Lines )	VA	10,179	1.18	12,011	0.23600000	9,609	2,402	0.36	3,682	(8,330)
Centrex ( 4 Lines )	VA	12,975	1.18	15,311	0.29500000	11,483	3,828	0.45	5,866	(9,445)
Centrex ( 3 Lines )	VA	14,278	1.18	16,848	0.39333333	11,232	5,616	0.60	8,607	(8,241)
Centrex ( 2 Lines )	VA	17,362	1.18	20,487	0.59000000	10,244	10,244	0.90	15,699	(4,789)
Centrex ( 1 Line )	VA	248	1.18	293	1.18000000	-	293	1.81	448	156
		<u>366,182</u>		<u>\$ 538,773</u>		<u>\$ 187,214</u>	<u>\$ 351,559</u>		<u>\$ 538,773</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor								1.532525456		

**Verizon - East**  
**Ratemaking for FUSF Per-line using Centrex Equivalency**  
**2nd Quarter 2016**

WP USF - 3  
 TR 1332

Service Type	State	FCC Order - Separate Rates			Monthly FUSF Req.			FCC Waiver	Accuracy Validation	
		Billing Lines (a)	Max USF Rate Prior to Waiver (b)	Full Rate Requirement (c = a x b)	CTX Rates PICC Structure (d = b / 9, 8, 7, etc.)	Monthly CTX Loss (e = [b -d] x a)	Adjusted Revenue Base (f = c -e)	Adjusted ML Rates (g = rate x factor)	Total Recovery (h = [b x a]+[g x a])	Variance (i = h - c)
<b>Multi-line Rates</b>										
BRI - ISDN	DE	611	\$ 1.64	\$ 1,002			\$ 1,002	\$ 2.98	\$ 1,818	\$ 816
PRI - ISDN	DE	939	12.10	11,362			11,362	21.96	20,619	9,257
Multi Line Bus - Other	DE	16,656	1.58	26,317			26,317	2.87	47,759	21,442
PBX Trunk w/o End User Port Charge	DE	1,828	1.58	2,888			2,888	2.87	5,241	2,353
Centrex (>= 9 Lines )	DE	27,971	1.24	34,684	\$ 0.137777778	\$ 30,830	3,854	0.25	6,994	(27,690)
Centrex ( 8 Lines )	DE	888	1.24	1,101	0.15500000	963	138	0.28	250	(851)
Centrex ( 7 Lines )	DE	1,024	1.24	1,270	0.17714286	1,088	181	0.32	329	(941)
Centrex ( 6 Lines )	DE	1,400	1.24	1,736	0.20666667	1,447	289	0.38	525	(1,211)
Centrex ( 5 Lines )	DE	1,350	1.24	1,674	0.24800000	1,339	335	0.45	608	(1,066)
Centrex ( 4 Lines )	DE	1,659	1.24	2,057	0.31000000	1,543	514	0.56	933	(1,124)
Centrex ( 3 Lines )	DE	1,685	1.24	2,089	0.41333333	1,393	696	0.75	1,264	(825)
Centrex ( 2 Lines )	DE	1,893	1.24	2,347	0.62000000	1,174	1,174	1.13	2,130	(217)
Centrex ( 1 Line )	DE	57	1.24	71	1.24000000	-	71	2.25	128	58
		<u>57,961</u>		<u>\$ 88,598</u>		<u>\$ 39,777</u>	<u>\$ 48,821</u>		<u>\$ 88,598</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.814759707		
<b>Multi-line Rates</b>										
BRI - ISDN	NJ	16,772	\$ 1.61	\$ 27,003			\$ 27,003	\$ 2.59	\$ 43,369	\$ 16,366
PRI - ISDN	NJ	4,301	11.97	51,483			51,483	19.22	82,686	31,203
Multi Line Bus - Other	NJ	244,576	1.56	381,538			381,538	2.51	612,785	231,247
PBX Trunk w/o End User Port Charge	NJ	2,094	1.56	3,267			3,267	2.51	5,247	1,980
Centrex (>= 9 Lines )	NJ	220,372	1.22	268,854	\$ 0.13555556	\$ 238,981	29,873	0.22	47,978	(220,876)
Centrex ( 8 Lines )	NJ	7,546	1.22	9,206	0.15250000	8,055	1,151	0.24	1,848	(7,358)
Centrex ( 7 Lines )	NJ	8,119	1.22	9,905	0.17428571	8,490	1,415	0.28	2,273	(7,633)
Centrex ( 6 Lines )	NJ	10,828	1.22	13,210	0.20333333	11,008	2,202	0.33	3,536	(9,674)
Centrex ( 5 Lines )	NJ	12,985	1.22	15,842	0.24400000	12,673	3,168	0.39	5,089	(10,753)
Centrex ( 4 Lines )	NJ	15,581	1.22	19,009	0.30500000	14,257	4,752	0.49	7,632	(11,376)
Centrex ( 3 Lines )	NJ	18,142	1.22	22,133	0.40666667	14,755	7,378	0.65	11,849	(10,284)
Centrex ( 2 Lines )	NJ	21,808	1.22	26,606	0.61000000	13,303	13,303	0.98	21,366	(5,240)
Centrex ( 1 Line )	NJ	3,241	1.22	3,954	1.22000000	-	3,954	1.96	6,351	2,397
		<u>586,365</u>		<u>\$ 852,009</u>		<u>\$ 321,524</u>	<u>\$ 530,486</u>		<u>\$ 852,009</u>	<u>\$ 0</u>
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.606092765		
<b>Multi-line Rates</b>										
BRI - ISDN	PA (P1)	7,577	\$ 1.53	\$ 11,593			\$ 11,593	\$ 2.86	\$ 21,660	\$ 10,068
PRI - ISDN	PA (P1)	4,830	11.57	55,883			55,883	21.62	104,414	48,531
Multi Line Bus - Other	PA (P1)	157,470	1.47	231,480			231,480	2.75	432,507	201,026
PBX Trunk w/o End User Port Charge	PA (P1)	21,143	1.47	31,080			31,080	2.75	58,071	26,991
Centrex (>= 9 Lines )	PA (P1)	248,822	1.14	283,657	\$ 0.12666667	\$ 252,140	31,517	0.24	58,888	(224,769)
Centrex ( 8 Lines )	PA (P1)	10,186	1.14	11,612	0.14250000	10,161	1,452	0.27	2,712	(8,900)
Centrex ( 7 Lines )	PA (P1)	10,988	1.14	12,526	0.16285714	10,737	1,789	0.30	3,344	(9,183)
Centrex ( 6 Lines )	PA (P1)	14,266	1.14	16,263	0.19000000	13,553	2,711	0.36	5,064	(11,199)
Centrex ( 5 Lines )	PA (P1)	16,004	1.14	18,245	0.22800000	14,596	3,649	0.43	6,818	(11,427)
Centrex ( 4 Lines )	PA (P1)	19,200	1.14	21,888	0.28500000	16,416	5,472	0.53	10,224	(11,664)
Centrex ( 3 Lines )	PA (P1)	21,369	1.14	24,361	0.38000000	16,240	8,120	0.71	15,172	(9,189)
Centrex ( 2 Lines )	PA (P1)	23,577	1.14	26,878	0.57000000	13,439	13,439	1.07	25,110	(1,768)
Centrex ( 1 Line )	PA (P1)	1,496	1.14	1,705	1.14000000	-	1,705	2.13	3,187	1,481
		<u>556,928</u>		<u>\$ 747,172</u>		<u>\$ 347,281</u>	<u>\$ 399,891</u>		<u>\$ 747,172</u>	<u>\$ 0</u>
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.868438701		

Verizon - East  
 Ratemaking for FUSF Per-line using Centrex Equivalency  
 2nd Quarter 2016

WP USF - 3  
 TR 1332

Service Type	State	FCC Order - Separate Rates			Monthly FUSF Req.			FCC Waiver	Accuracy Validation	
		Billing Lines (a)	Max USF Rate Prior to Waiver (b)	Full Rate Requirement (c = a x b)	CTX Rates PICC Structure (d = b / 9, 8, 7, etc.)	Monthly CTX Loss (e = [b -d] x a)	Adjusted Revenue Base (f = c -e)	Adjusted ML Rates (g = rate x factor)	Total Recovery (h = [b x a]+[g x a])	Variance (i = h - c)
<b>Multi-line Rates</b>										
BRI - ISDN	NY / CT	15,801	\$ 1.70	\$ 26,862		\$ 26,862	\$ 2.60	\$ 41,116	\$ 14,254	
PRI - ISDN	NY / CT	10,637	16.11	171,362		171,362	24.66	262,297	90,935	
Multi Line Bus - Other	NY / CT	433,938	1.58	685,622		685,622	2.42	1,049,454	363,832	
PBX Trunk w/o End User Port Charge	NY / CT	35,563	1.58	56,190		56,190	2.42	86,007	29,818	
Centrex (>= 9 Lines )	NY / CT	414,851	1.24	514,415	\$ 0.137777778	\$ 457,258	0.21	87,488	(426,927)	
Centrex ( 8 Lines )	NY / CT	10,383	1.24	12,875	0.15500000	11,266	0.24	2,463	(10,412)	
Centrex ( 7 Lines )	NY / CT	10,596	1.24	13,139	0.17714286	11,262	0.27	2,873	(10,266)	
Centrex ( 6 Lines )	NY / CT	12,678	1.24	15,721	0.20666667	13,101	0.32	4,011	(11,710)	
Centrex ( 5 Lines )	NY / CT	16,226	1.24	20,120	0.24800000	16,096	0.38	6,159	(13,961)	
Centrex ( 4 Lines )	NY / CT	17,391	1.24	21,565	0.31000000	16,174	0.47	8,252	(13,313)	
Centrex ( 3 Lines )	NY / CT	14,785	1.24	18,333	0.41333333	12,222	0.63	9,354	(8,979)	
Centrex ( 2 Lines )	NY / CT	17,107	1.24	21,213	0.62000000	10,606	0.95	16,235	(4,978)	
Centrex ( 1 Line )	NY / CT	2,593	1.24	3,215	1.24000000	-	1.90	4,922	1,706	
		1,012,549		\$ 1,580,632		\$ 547,985		\$ 1,580,632	\$ 0	
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =	1.530660171			
<b>New England Combined</b>										
<b>Multi-line Rates</b>										
BRI - ISDN	NE Combined	12,790	\$ 1.70	\$ 21,743		\$ 21,743	\$ 2.84	\$ 36,279	\$ 14,536	
PRI - ISDN	NE Combined	4,283	16.11	68,999		68,999	26.88	115,129	46,130	
Multi Line Bus - Other	NE Combined	161,297	1.58	254,849		254,849	2.64	425,229	170,380	
PBX Trunk w/o End User Port Charge	NE Combined	22,744	1.58	35,936		35,936	2.64	59,960	24,025	
Centrex (>= 9 Lines )	NE Combined	216,170	1.24	268,051	\$ 0.137777778	\$ 238,267	0.23	49,695	(218,356)	
Centrex ( 8 Lines )	NE Combined	5,829	1.24	7,228	0.15500000	6,324	0.26	1,508	(5,720)	
Centrex ( 7 Lines )	NE Combined	6,469	1.24	8,022	0.17714286	6,876	0.30	1,912	(6,110)	
Centrex ( 6 Lines )	NE Combined	7,149	1.24	8,865	0.20666667	7,387	0.34	2,465	(6,400)	
Centrex ( 5 Lines )	NE Combined	7,696	1.24	9,543	0.24800000	7,634	0.41	3,185	(6,358)	
Centrex ( 4 Lines )	NE Combined	9,012	1.24	11,175	0.31000000	8,381	0.52	4,661	(6,513)	
Centrex ( 3 Lines )	NE Combined	7,450	1.24	9,238	0.41333333	6,159	0.69	5,138	(4,100)	
Centrex ( 2 Lines )	NE Combined	8,606	1.24	10,671	0.62000000	5,336	1.03	8,903	(1,769)	
Centrex ( 1 Line )	NE Combined	307	1.24	381	1.24000000	-	2.07	635	255	
		469,802		\$ 714,700		\$ 286,365		\$ 714,700	\$ 0	
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =	1.668552864			

## Verizon - East

### Calculation of PBX FUSF Rate with Port Charge

2nd Quarter 2016

<u>Description</u>	<u>Tariff Entity</u>	Calculated PBX Trunk Rate with Line Ports before <u>Centrex Shortfall</u> (a)	Rate Adj. Factor <u>(RAF)</u> (b)	Calculated PBX Rate with End User <u>Port Charges</u> ( c = rate x factor )
PBX Trunks with Line Ports	DC	1.24	1.49	1.85
PBX Trunks with Line Ports	MD	1.57	1.68	2.64
PBX Trunks with Line Ports	VA	1.64	1.53	2.51
PBX Trunks with Line Ports	DE	1.71	1.81	3.10
PBX Trunks with Line Ports	NJ	1.68	1.61	2.70
PBX Trunks with Line Ports	PA	1.60	1.87	2.99
PBX Trunks with Line Ports	NY/CT	1.79	1.53	2.74
PBX Trunks with Line Ports	NEW ENGLAND	1.79	1.67	2.99

**Verizon - East Telephone Companies**  
**Rate Development for Federal End User**  
**Special Access USF Charge**

Verizon Interstate Special Access End User Factor

2nd Quarter 2016 Contribution Factor

0.179000