

Quarter: 1st Quarter 2017  
1st Quarter 2017 Contribution Factor

Transmittal Number: TR 1342  
(Replace ??? With the actual number; It will be populated on all forms.)  
0.167  
**(e = .167)**

Nov 2016 Access Lines

Verizon - East  
 Summary of FCC Waiver FUSF Rates  
 1st Quarter 2017

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Res	DC	\$0.68
Non-Primary Res	DC	0.68
Single Line Bus	DC	0.68
Multi Line Bus - Payphone	DC	1.09
BRI - ISDN	DC	1.38
PRI - ISDN	DC	13.85
Multi Line Bus - Other	DC	1.61
PBX Trunk w/o End User Port Charge	DC	1.61
PBX Trunk with End User Port Charge	DC	1.79
Centrex (>= 9 Lines )	DC *	0.12
Centrex ( 8 Lines )	DC *	0.14
Centrex ( 7 Lines )	DC *	0.16
Centrex ( 6 Lines )	DC *	0.18
Centrex ( 5 Lines )	DC *	0.22
Centrex ( 4 Lines )	DC *	0.27
Centrex ( 3 Lines )	DC *	0.37
Centrex ( 2 Lines )	DC *	0.55
Centrex ( 1 Line )	DC *	1.10
Note * : Centrex Verizon DC - First 1-9 lines (Flat Rate)	1.10	10 lines and over (per line) \$0.12
Res	MD	\$1.15
Non-Primary Res	MD	1.15
Single Line Bus	MD	1.15
Multi Line Bus - Payphone	MD	1.39
BRI - ISDN	MD	2.32
PRI - ISDN	MD	17.99
Multi Line Bus - Other	MD	2.30
PBX Trunk w/o End User Port Charge	MD	2.30
PBX Trunk with End User Port Charge	MD	2.50
Centrex (>= 9 Lines )	MD *	0.19
Centrex ( 8 Lines )	MD *	0.22
Centrex ( 7 Lines )	MD *	0.25
Centrex ( 6 Lines )	MD *	0.29
Centrex ( 5 Lines )	MD *	0.34
Centrex ( 4 Lines )	MD *	0.43
Centrex ( 3 Lines )	MD *	0.57
Centrex ( 2 Lines )	MD *	0.86
Centrex ( 1 Line )	MD *	1.72
Note * : Centrex Verizon MD - First 1-9 lines (Flat Rate)	1.72	10 lines and over (per line) 0.19
Res	VA	\$1.03
Non-Primary Res	VA	1.03
Single Line Bus	VA	1.22
Multi Line Bus - Payphone	VA	1.46
BRI - ISDN	VA	1.93
PRI - ISDN	VA	16.96
Multi Line Bus - Other	VA	2.21
PBX Trunk w/o End User Port Charge	VA	2.21
PBX Trunk with End User Port Charge	VA	2.39
Centrex (>= 9 Lines )	VA *	0.19
Centrex ( 8 Lines )	VA *	0.21
Centrex ( 7 Lines )	VA *	0.24
Centrex ( 6 Lines )	VA *	0.28
Centrex ( 5 Lines )	VA *	0.34
Centrex ( 4 Lines )	VA *	0.42
Centrex ( 3 Lines )	VA *	0.56
Centrex ( 2 Lines )	VA *	0.84
Centrex ( 1 Line )	VA *	1.68
Note * : Centrex Verizon VA - First 1-9 lines (Flat Rate)	1.68	10 lines and over (per line) 0.19

Verizon - East  
 Summary of FCC Waiver FUSF Rates  
 1st Quarter 2017

WP USF - 1  
 TR 1342

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Non-Primary Res	DE	1.28
Single Line Bus	DE	1.28
Multi Line Bus - Payphone	DE	1.52
BRI - ISDN	DE	2.71
PRI - ISDN	DE	20.38
Multi Line Bus - Other	DE	2.69
PBX Trunk w/o End User Port Charge	DE	2.69
PBX Trunk with End User Port Charge	DE	2.90
Centrex (>= 9 Lines )	DE	0.23
Centrex ( 8 Lines )	DE	0.26
Centrex ( 7 Lines )	DE	0.30
Centrex ( 6 Lines )	DE	0.34
Centrex ( 5 Lines )	DE	0.41
Centrex ( 4 Lines )	DE	0.52
Centrex ( 3 Lines )	DE	0.69
Centrex ( 2 Lines )	DE	1.03
Centrex ( 1 Line )	DE	2.07
Res	NJ	\$1.26
Non-Primary Res	NJ	1.26
Single Line Bus	NJ	1.26
Multi Line Bus - Payphone	NJ	1.50
BRI - ISDN	NJ	2.42
PRI - ISDN	NJ	18.31
Multi Line Bus - Other	NJ	2.41
PBX Trunk w/o End User Port Charge	NJ	2.41
PBX Trunk with End User Port Charge	NJ	2.60
Centrex (>= 9 Lines )	NJ	0.21
Centrex ( 8 Lines )	NJ	0.23
Centrex ( 7 Lines )	NJ	0.26
Centrex ( 6 Lines )	NJ	0.31
Centrex ( 5 Lines )	NJ	0.37
Centrex ( 4 Lines )	NJ	0.46
Centrex ( 3 Lines )	NJ	0.62
Centrex ( 2 Lines )	NJ	0.92
Centrex ( 1 Line )	NJ	1.85
Res	PA (P1)	\$1.18
Non-Primary Res	PA (P1)	1.18
Single Line Bus	PA (P1)	1.18
Multi Line Bus - Payphone	PA (P1)	1.42
BRI - ISDN	PA (P1)	2.63
PRI - ISDN	PA (P1)	20.31
Multi Line Bus - Other	PA (P1)	2.61
PBX Trunk w/o End User Port Charge	PA (P1)	2.61
PBX Trunk with End User Port Charge	PA (P1)	2.83
Centrex (>= 9 Lines )	PA (P1)	0.22
Centrex ( 8 Lines )	PA (P1)	0.25
Centrex ( 7 Lines )	PA (P1)	0.28
Centrex ( 6 Lines )	PA (P1)	0.33
Centrex ( 5 Lines )	PA (P1)	0.39
Centrex ( 4 Lines )	PA (P1)	0.49
Centrex ( 3 Lines )	PA (P1)	0.66
Centrex ( 2 Lines )	PA (P1)	0.98
Centrex ( 1 Line )	PA (P1)	1.97

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Res	NY	\$1.08
Non-Primary Res	NY	1.08
Single Line Bus	NY	1.27
Multi Line Bus - Payphone	NY	1.52
BRI - ISDN	NY	2.12
PRI - ISDN	NY	23.23
Multi Line Bus - Other	NY	2.31
PBX Trunk w/o End User Port Charge	NY	2.31
PBX Trunk with End User Port Charge	NY	2.62
Centrex (>= 9 Lines )	NY	0.20
Centrex ( 8 Lines )	NY	0.22
Centrex ( 7 Lines )	NY	0.25
Centrex ( 6 Lines )	NY	0.30
Centrex ( 5 Lines )	NY	0.36
Centrex ( 4 Lines )	NY	0.45
Centrex ( 3 Lines )	NY	0.59
Centrex ( 2 Lines )	NY	0.89
Centrex ( 1 Line )	NY	1.78
Res	NEW ENGLAND	\$1.27
Non-Primary Res	NEW ENGLAND	1.27
Single Line Bus	NEW ENGLAND	1.27
Multi Line Bus - Payphone	NEW ENGLAND	1.52
BRI - ISDN	NEW ENGLAND	2.64
PRI - ISDN	NEW ENGLAND	25.37
Multi Line Bus - Other	NEW ENGLAND	2.52
PBX Trunk w/o End User Port Charge	NEW ENGLAND	2.52
PBX Trunk with End User Port Charge	NEW ENGLAND	2.86
Centrex (>= 9 Lines )	NEW ENGLAND	0.22
Centrex ( 8 Lines )	NEW ENGLAND	0.24
Centrex ( 7 Lines )	NEW ENGLAND	0.28
Centrex ( 6 Lines )	NEW ENGLAND	0.32
Centrex ( 5 Lines )	NEW ENGLAND	0.39
Centrex ( 4 Lines )	NEW ENGLAND	0.49
Centrex ( 3 Lines )	NEW ENGLAND	0.65
Centrex ( 2 Lines )	NEW ENGLAND	0.97
Centrex ( 1 Line )	NEW ENGLAND	1.94
Res	CT	\$1.27
Non-Primary Res	CT	\$1.27
Single Line Bus	CT	\$1.27
Multi Line Bus - Payphone	CT	\$1.52
BRI - ISDN	CT	2.42
PRI - ISDN	CT	23.21
Multi Line Bus - Other	CT	2.31
PBX Trunk w/o End User Port Charge	CT	2.31
PBX Trunk with End User Port Charge	CT	2.62
Centrex (>= 9 Lines )	CT	0.20
Centrex ( 8 Lines )	CT	0.22
Centrex ( 7 Lines )	CT	0.25
Centrex ( 6 Lines )	CT	0.30
Centrex ( 5 Lines )	CT	0.36
Centrex ( 4 Lines )	CT	0.44
Centrex ( 3 Lines )	CT	0.59
Centrex ( 2 Lines )	CT	0.89
Centrex ( 1 Line )	CT	1.78







Verizon - East  
Calculation of FUSF Rates  
1st Quarter 2017

Service Type	Area	State	(SLC)	(ARC)	(Port Chg)	Sum	1st Quarter 2017 Contribution Factor	USF Rate
			(a)	(b)	(c)	(d = a+b+c)	(e = .167)	(f = d x e)
Res, SL Bus	East - South	DC	3.90	0.15	N/A	4.05		0.68
Res, SL Bus	East - South	MD	5.71	1.17	N/A	6.88		1.15
Res, SL Bus	East - South	VA	6.14	1.17	N/A	7.31		1.22
Res, SL Bus	East - South	DE	6.49	1.17	N/A	7.66		1.28
Res, SL Bus	East - South	NJ	6.36	1.17	N/A	7.53		1.26
Res, SL Bus	East - South	PA	5.90	1.17	N/A	7.07		1.18
Non-Primary Res	East - South	DC	3.90	0.15	N/A	4.05		0.68
Non-Primary Res	East - South	MD	5.71	1.17	N/A	6.88		1.15
Non-Primary Res	East - South	VA	6.14	1.17	N/A	7.31		1.22
Non-Primary Res	East - South	DE	6.49	1.17	N/A	7.66		1.28
Non-Primary Res	East - South	NJ	6.36	1.17	N/A	7.53		1.26
Non-Primary Res	East - South	PA	5.90	1.17	N/A	7.07		1.18
Multi-Line Bus - Other	East - South	DC	3.90	2.62	N/A	6.52		1.09
Multi-Line Bus - Other	East - South	MD	5.71	2.62	N/A	8.33		1.39
Multi-Line Bus - Other	East - South	VA	6.14	2.62	N/A	8.76		1.46
Multi-Line Bus - Other	East - South	DE	6.49	2.62	N/A	9.11		1.52
Multi-Line Bus - Other	East - South	NJ	6.36	2.62	N/A	8.98		1.50
Multi-Line Bus - Other	East - South	PA	5.90	2.62	N/A	8.52		1.42
Multi-Line Bus - Payphone	East - South	DC	3.90	2.62	N/A	6.52		1.09
Multi-Line Bus - Payphone	East - South	MD	5.71	2.62	N/A	8.33		1.39
Multi-Line Bus - Payphone	East - South	VA	6.14	2.62	N/A	8.76		1.46
Multi-Line Bus - Payphone	East - South	DE	6.49	2.62	N/A	9.11		1.52
Multi-Line Bus - Payphone	East - South	NJ	6.36	2.62	N/A	8.98		1.50
Multi-Line Bus - Payphone	East - South	PA	5.90	2.62	N/A	8.52		1.42
BRI - ISDN	East - South	DC	3.90	0.15	1.52	5.57		0.93
BRI - ISDN	East - South	MD	5.71	1.17	1.52	8.40		1.40
BRI - ISDN	East - South	VA	6.14	0	1.52	7.66		1.28
BRI - ISDN	East - South	DE	6.49	1.17	1.52	9.18		1.53
BRI - ISDN	East - South	NJ	6.36	1.17	1.52	9.05		1.51
BRI - ISDN	East - South	PA	5.90	1.17	1.52	8.59		1.43
PRI - ISDN	East - South	DC	19.50	13.10	23.43	56.03		9.36
PRI - ISDN	East - South	MD	28.55	13.10	23.43	65.08		10.87
PRI - ISDN	East - South	VA	30.70	13.10	23.43	67.23		11.23
PRI - ISDN	East - South	DE	32.45	13.10	23.43	68.98		11.52
PRI - ISDN	East - South	NJ	31.80	13.10	23.43	68.33		11.41
PRI - ISDN	East - South	PA	29.50	13.10	23.43	66.03		11.03
PBX Trunks w/o End User Port Charge	East - South	DC	3.90	2.62	N/A	6.52		1.09
PBX Trunks w/o End User Port Charge	East - South	MD	5.71	2.62	N/A	8.33		1.39
PBX Trunks w/o End User Port Charge	East - South	VA	6.14	2.62	N/A	8.76		1.46
PBX Trunks w/o End User Port Charge	East - South	DE	6.49	2.62	N/A	9.11		1.52
PBX Trunks w/o End User Port Charge	East - South	NJ	6.36	2.62	N/A	8.98		1.50
PBX Trunks w/o End User Port Charge	East - South	PA	5.90	2.62	N/A	8.52		1.42

Verizon - East  
Calculation of FUSF Rates  
1st Quarter 2017

Service Type	Area	State	1st Quarter 2017 Contribution					
			(SLC)	(ARC)	(Port Chg)	Sum	Factor	USF Rate
			(a)	(b)	(c)	(d = a+b+c)	(e = .167)	(f = d x e)
PBX Trunks with End User Port Charge (DID)	East - South	DC	3.90	2.62	0.70	7.22		1.21
PBX Trunks with End User Port Charge (DID)	East - South	MD	5.71	2.62	0.70	9.03		1.51
PBX Trunks with End User Port Charge (DID)	East - South	VA	6.14	2.62	0.70	9.46		1.58
PBX Trunks with End User Port Charge (DID)	East - South	DE	6.49	2.62	0.70	9.81		1.64
PBX Trunks with End User Port Charge (DID)	East - South	NJ	6.36	2.62	0.70	9.68		1.62
PBX Trunks with End User Port Charge (DID)	East - South	PA	5.90	2.62	0.70	9.22		1.54
Centrex (>= 9 Lines )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex ( 8 Lines )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex ( 7 Lines )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex ( 6 Lines )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex ( 5 Lines )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex ( 4 Lines )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex ( 3 Lines )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex ( 2 Lines )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex ( 1 Line )	East - South	DC	3.90	0.53	N/A	4.43		0.74
Centrex (>= 9 Lines )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex ( 8 Lines )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex ( 7 Lines )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex ( 6 Lines )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex ( 5 Lines )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex ( 4 Lines )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex ( 3 Lines )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex ( 2 Lines )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex ( 1 Line )	East - South	MD	5.71	0.53	N/A	6.24		1.04
Centrex (>= 9 Lines )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex ( 8 Lines )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex ( 7 Lines )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex ( 6 Lines )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex ( 5 Lines )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex ( 4 Lines )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex ( 3 Lines )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex ( 2 Lines )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex ( 1 Line )	East - South	VA	6.14	0.53	N/A	6.67		1.11
Centrex (>= 9 Lines )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex ( 8 Lines )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex ( 7 Lines )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex ( 6 Lines )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex ( 5 Lines )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex ( 4 Lines )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex ( 3 Lines )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex ( 2 Lines )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex ( 1 Line )	East - South	DE	6.49	0.53	N/A	7.02		1.17
Centrex (>= 9 Lines )	East - South	NJ	6.36	0.53	N/A	6.89		1.15
Centrex ( 8 Lines )	East - South	NJ	6.36	0.53	N/A	6.89		1.15
Centrex ( 7 Lines )	East - South	NJ	6.36	0.53	N/A	6.89		1.15
Centrex ( 6 Lines )	East - South	NJ	6.36	0.53	N/A	6.89		1.15
Centrex ( 5 Lines )	East - South	NJ	6.36	0.53	N/A	6.89		1.15
Centrex ( 4 Lines )	East - South	NJ	6.36	0.53	N/A	6.89		1.15
Centrex ( 3 Lines )	East - South	NJ	6.36	0.53	N/A	6.89		1.15
Centrex ( 2 Lines )	East - South	NJ	6.36	0.53	N/A	6.89		1.15

Verizon - East  
Calculation of FUSF Rates  
1st Quarter 2017

Service Type	Area	State	(SLC)	(ARC)	(Port Chg)	Sum	1st Quarter 2017 Contribution Factor	USF Rate
			(a)	(b)	(c)	(d = a+b+c)	(e = .167)	(f = d x e)
Centrex ( 1 Line )	East - South	NJ	6.36	0.53	N/A	6.89		1.15
Centrex (>= 9 Lines )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Centrex ( 8 Lines )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Centrex ( 7 Lines )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Centrex ( 6 Lines )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Centrex ( 5 Lines )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Centrex ( 4 Lines )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Centrex ( 3 Lines )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Centrex ( 2 Lines )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Centrex ( 1 Line )	East - South	PA	5.90	0.53	N/A	6.43		1.07
Res, SL Bus	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	1.17	N/A	7.63		1.27
Non-Primary Res	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	1.17	N/A	7.63		1.27
BRI - ISDN	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	1.17	1.90	9.53		1.59
PRI - ISDN	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	32.30	13.1	46.01	91.41		15.27
Multi Line Bus - Other Except PBX & Flexpath	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	2.62	N/A	9.08		1.52
Multi Line Bus - Payphone	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	2.62	N/A	9.08		1.52
PBX Trunks & Flexpath w/o Line Port Charges	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	2.62	N/A	9.08		1.52
PBX Trunks with End User Port Charge (DID / Flexpath)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	2.62	1.21	10.29		1.72
Centrex (>= 9 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17
Centrex ( 8 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17
Centrex ( 7 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17
Centrex ( 6 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17
Centrex ( 5 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17
Centrex ( 4 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17
Centrex ( 3 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17
Centrex ( 2 Lines )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17
Centrex ( 1 Line )	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.17

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)

1.03

1.03

USF Rate w/out ARC

(f1=a x e)

USF Rate w/out ARC

(f1=a x e)

1.08  
1.08  
1.40

**Verizon - East**  
**Ratemaking for FUSF Per-line using Centrex Equivalency**  
**1st Quarter 2017**

WP USF - 3  
 TR 1342

Service Type	State	FCC Order - Separate Rates			Monthly FUSF Req.			FCC Waiver	Accuracy Validation	
		Billing Lines	Max USF Rate Prior to Waiver	Full Rate Requirement	CTX Rates PICC Structure	Monthly CTX Loss	Adjusted Revenue Base	Adjusted ML Rates	Total Recovery	Variance
		(a)	(b)	(c = a x b)	(d = b / 9, 8, 7, etc.)	(e = [b -d] x a)	(f = c -e)	(g = rate x factor)	(h = [b x a]+[g x a])	(i = h - c)
<b>Multi-line Rates</b>										
BRI - ISDN	DC	50,835	\$0.93	\$ 47,277		\$ 47,277	\$1.38	\$ 69,964	\$ 22,687	
PRI - ISDN	DC	3,221	9.36	30,149		30,149	13.85	44,616	14,468	
Multi Line Bus - Other	DC	27,915	1.09	30,427		30,427	1.61	45,028	14,601	
PBX Trunk w/o End User Port Charge	DC	5,997	1.09	6,537		6,537	1.61	9,674	3,137	
Centrex (>= 9 Lines )	DC	80,680	0.74	59,703	\$ 0.082222222	\$ 53,070	0.12	9,817	(49,886)	
Centrex ( 8 Lines )	DC	1,258	0.74	931	0.09250000	815	0.14	172	(759)	
Centrex ( 7 Lines )	DC	1,236	0.74	915	0.10571429	784	0.16	193	(721)	
Centrex ( 6 Lines )	DC	1,485	0.74	1,099	0.12333333	916	0.18	271	(828)	
Centrex ( 5 Lines )	DC	1,543	0.74	1,142	0.14800000	913	0.22	338	(804)	
Centrex ( 4 Lines )	DC	1,868	0.74	1,382	0.18500000	1,037	0.27	511	(871)	
Centrex ( 3 Lines )	DC	1,845	0.74	1,365	0.24666667	910	0.37	673	(692)	
Centrex ( 2 Lines )	DC	2,033	0.74	1,504	0.37000000	752	0.55	1,113	(391)	
Centrex ( 1 Line )	DC	166	0.74	123	0.74000000	-	1.10	182	59	
		<u>180,082</u>		<u>\$ 182,553</u>		<u>\$ 59,196</u>		<u>\$ 123,357</u>	<u>\$ 182,553</u>	<u>\$ -</u>
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base] +1) =	1.479880151			
<b>Multi-line Rates</b>										
BRI - ISDN	MD	37,621	\$1.40	\$ 52,669		\$ 52,669	\$2.32	\$ 87,190	\$ 34,521	
PRI - ISDN	MD	4,461	10.87	48,491		48,491	17.99	80,273	31,782	
Multi Line Bus - Other	MD	120,123	1.39	166,971		166,971	2.30	276,408	109,436	
PBX Trunk w/o End User Port Charge	MD	15,228	1.39	21,167		21,167	2.30	35,040	13,873	
Centrex (>= 9 Lines )	MD	158,043	1.04	164,365	\$ 0.115555556	\$ 146,102	0.19	30,232	(134,132)	
Centrex ( 8 Lines )	MD	8,393	1.04	8,729	0.13000000	7,638	0.22	1,806	(6,923)	
Centrex ( 7 Lines )	MD	8,791	1.04	9,143	0.14857143	7,837	0.25	2,162	(6,981)	
Centrex ( 6 Lines )	MD	11,951	1.04	12,429	0.17333333	10,358	0.29	3,429	(9,000)	
Centrex ( 5 Lines )	MD	13,748	1.04	14,298	0.20800000	11,438	0.34	4,734	(9,564)	
Centrex ( 4 Lines )	MD	17,028	1.04	17,709	0.26000000	13,282	0.43	7,329	(10,380)	
Centrex ( 3 Lines )	MD	18,647	1.04	19,393	0.34666667	12,929	0.57	10,701	(8,692)	
Centrex ( 2 Lines )	MD	24,215	1.04	25,184	0.52000000	12,592	0.86	20,845	(4,339)	
Centrex ( 1 Line )	MD	584	1.04	607	1.04000000	-	1.72	1,005	398	
		<u>438,833</u>		<u>\$ 561,155</u>		<u>\$ 222,174</u>		<u>\$ 338,981</u>	<u>\$ 561,155</u>	<u>\$ -</u>
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base] +1) =	1.655418788			
<b>Multi-line Rates</b>										
BRI - ISDN	VA	39,503	\$1.28	\$ 50,564		\$ 50,564	\$1.93	\$ 76,368	\$ 25,804	
PRI - ISDN	VA	5,027	11.23	56,453		56,453	16.96	85,263	28,810	
Multi Line Bus - Other	VA	105,371	1.46	153,841		153,841	2.21	232,350	78,509	
PBX Trunk w/o End User Port Charge	VA	13,706	1.46	20,011		20,011	2.21	30,223	10,212	
Centrex (>= 9 Lines )	VA	107,324	1.11	119,130	\$ 0.123333333	\$ 105,893	0.19	19,992	(99,138)	
Centrex ( 8 Lines )	VA	5,567	1.11	6,179	0.13875000	5,407	0.21	1,167	(5,013)	
Centrex ( 7 Lines )	VA	6,233	1.11	6,919	0.15857143	5,930	0.24	1,493	(5,426)	
Centrex ( 6 Lines )	VA	8,270	1.11	9,180	0.18500000	7,650	0.28	2,311	(6,869)	
Centrex ( 5 Lines )	VA	9,343	1.11	10,371	0.22200000	8,297	0.34	3,133	(7,238)	
Centrex ( 4 Lines )	VA	11,908	1.11	13,218	0.27750000	9,913	0.42	4,991	(8,227)	
Centrex ( 3 Lines )	VA	13,104	1.11	14,545	0.37000000	9,697	0.56	7,323	(7,223)	
Centrex ( 2 Lines )	VA	15,935	1.11	17,688	0.55500000	8,844	0.84	13,357	(4,331)	
Centrex ( 1 Line )	VA	228	1.11	253	1.11000000	-	1.68	382	129	
		<u>341,519</u>		<u>\$ 478,351</u>		<u>\$ 161,631</u>		<u>\$ 316,721</u>	<u>\$ 478,351</u>	<u>\$ 0</u>
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base] +1) =	1.51032641			

Verizon - East  
 Ratemaking for FUSF Per-line using Centrex Equivalency  
 1st Quarter 2017

WP USF - 3  
 TR 1342

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	547	\$1.53	\$ 837			\$ 837	\$2.71	\$ 1,480	\$ 643
PRI - ISDN	DE	851	11.52	9,804			9,804	20.38	17,341	7,538
Multi Line Bus - Other	DE	15,886	1.52	24,146			24,146	2.69	42,712	18,566
PBX Trunk w/o End User Port Charge	DE	1,767	1.52	2,686			2,686	2.69	4,751	2,065
Centrex (>= 9 Lines )	DE	24,973	1.17	29,218	\$ 0.13000000	\$ 25,972	3,246	0.23	5,743	(23,476)
Centrex ( 8 Lines )	DE	793	1.17	928	0.14625000	812	116	0.26	205	(723)
Centrex ( 7 Lines )	DE	914	1.17	1,069	0.16714286	917	153	0.30	270	(799)
Centrex ( 6 Lines )	DE	1,250	1.17	1,463	0.19500000	1,219	244	0.34	431	(1,031)
Centrex ( 5 Lines )	DE	1,205	1.17	1,410	0.23400000	1,128	282	0.41	499	(911)
Centrex ( 4 Lines )	DE	1,481	1.17	1,733	0.29250000	1,300	433	0.52	766	(967)
Centrex ( 3 Lines )	DE	1,505	1.17	1,761	0.39000000	1,174	587	0.69	1,038	(723)
Centrex ( 2 Lines )	DE	1,690	1.17	1,977	0.58500000	989	989	1.03	1,749	(229)
Centrex ( 1 Line )	DE	51	1.17	60	1.17000000	-	60	2.07	106	46
		<u>52,913</u>		<u>\$ 77,091</u>			<u>\$ 43,582</u>		<u>\$ 77,091</u>	<u>\$ 0</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.768874835		
<b>Multi-line Rates</b>										
BRI - ISDN	NJ	15,074	\$1.51	\$ 22,762			\$ 22,762	\$2.42	\$ 36,531	\$ 13,769
PRI - ISDN	NJ	3,918	11.41	44,704			44,704	18.31	71,747	27,043
Multi Line Bus - Other	NJ	227,010	1.50	340,515			340,515	2.41	546,503	205,988
PBX Trunk w/o End User Port Charge	NJ	2,069	1.50	3,104			3,104	2.41	4,981	1,877
Centrex (>= 9 Lines )	NJ	206,987	1.15	238,035	\$ 0.12777778	\$ 211,587	26,448	0.21	42,448	(195,587)
Centrex ( 8 Lines )	NJ	7,087	1.15	8,150	0.14375000	7,131	1,019	0.23	1,635	(6,515)
Centrex ( 7 Lines )	NJ	7,626	1.15	8,770	0.16428571	7,517	1,253	0.26	2,011	(6,759)
Centrex ( 6 Lines )	NJ	10,170	1.15	11,696	0.19166667	9,746	1,949	0.31	3,128	(8,567)
Centrex ( 5 Lines )	NJ	12,196	1.15	14,025	0.23000000	11,220	2,805	0.37	4,502	(9,523)
Centrex ( 4 Lines )	NJ	14,635	1.15	16,830	0.28750000	12,623	4,208	0.46	6,753	(10,077)
Centrex ( 3 Lines )	NJ	17,040	1.15	19,596	0.38333333	13,064	6,532	0.62	10,483	(9,113)
Centrex ( 2 Lines )	NJ	20,483	1.15	23,555	0.57500000	11,778	11,778	0.92	18,902	(4,653)
Centrex ( 1 Line )	NJ	3,044	1.15	3,501	1.15000000	-	3,501	1.85	5,618	2,118
		<u>547,339</u>		<u>\$ 755,243</u>			<u>\$ 470,577</u>		<u>\$ 755,243</u>	<u>\$ 0</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.604929798		
<b>Multi-line Rates</b>										
BRI - ISDN	PA (P1)	6,809	\$1.43	\$ 9,737			\$ 9,737	\$2.63	\$ 17,925	\$ 8,188
PRI - ISDN	PA (P1)	4,493	11.03	49,558			49,558	20.31	91,231	41,673
Multi Line Bus - Other	PA (P1)	148,119	1.42	210,329			210,329	2.61	387,196	176,867
PBX Trunk w/o End User Port Charge	PA (P1)	19,773	1.42	28,078			28,078	2.61	51,688	23,611
Centrex (>= 9 Lines )	PA (P1)	230,002	1.07	246,102	\$ 0.11888889	\$ 218,757	27,345	0.22	50,339	(195,763)
Centrex ( 8 Lines )	PA (P1)	9,416	1.07	10,075	0.13375000	8,816	1,259	0.25	2,318	(7,757)
Centrex ( 7 Lines )	PA (P1)	10,157	1.07	10,868	0.15285714	9,315	1,553	0.28	2,858	(8,010)
Centrex ( 6 Lines )	PA (P1)	13,187	1.07	14,110	0.17833333	11,758	2,352	0.33	4,329	(9,781)
Centrex ( 5 Lines )	PA (P1)	14,793	1.07	15,829	0.21400000	12,663	3,166	0.39	5,828	(10,001)
Centrex ( 4 Lines )	PA (P1)	17,747	1.07	18,989	0.26750000	14,242	4,747	0.49	8,739	(10,250)
Centrex ( 3 Lines )	PA (P1)	19,753	1.07	21,136	0.35666667	14,090	7,045	0.66	12,970	(8,166)
Centrex ( 2 Lines )	PA (P1)	21,794	1.07	23,320	0.53500000	11,660	11,660	0.98	21,465	(1,855)
Centrex ( 1 Line )	PA (P1)	1,382	1.07	1,479	1.07000000	-	1,479	1.97	2,722	1,243
		<u>517,425</u>		<u>\$ 659,609</u>			<u>\$ 358,307</u>		<u>\$ 659,609</u>	<u>\$ 0</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.840905537		

**Verizon - East**  
**Ratemaking for FUSF Per-line using Centrex Equivalency**  
**1st Quarter 2017**

WP USF - 3  
 TR 1342

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 P ICC 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	14,056	\$1.59	\$ 22,349			\$ 22,349	\$2.42	\$ 33,971	\$ 11,621
PRI - ISDN	NY / CT	9,453	15.27	144,347			144,347	23.21	219,408	75,061
Multi Line Bus - Other	NY / CT	412,887	1.52	627,588			627,588	2.31	953,933	326,345
PBX Trunk w/o End User Port Charge	NY / CT	32,439	1.52	49,307			49,307	2.31	74,947	25,640
Centrex (>= 9 Lines )	NY / CT	385,872	1.17	451,470	\$ 0.13000000	\$ 401,307	50,163	0.20	76,248	(375,222)
Centrex ( 8 Lines )	NY / CT	9,658	1.17	11,300	0.14625000	9,887	1,412	0.22	2,147	(9,153)
Centrex ( 7 Lines )	NY / CT	9,856	1.17	11,532	0.16714286	9,884	1,647	0.25	2,504	(9,028)
Centrex ( 6 Lines )	NY / CT	11,792	1.17	13,797	0.19500000	11,497	2,299	0.30	3,495	(10,301)
Centrex ( 5 Lines )	NY / CT	15,093	1.17	17,659	0.23400000	14,127	3,532	0.36	5,368	(12,291)
Centrex ( 4 Lines )	NY / CT	16,176	1.17	18,926	0.29250000	14,194	4,731	0.44	7,192	(11,734)
Centrex ( 3 Lines )	NY / CT	13,753	1.17	16,091	0.39000000	10,727	5,364	0.59	8,153	(7,938)
Centrex ( 2 Lines )	NY / CT	15,912	1.17	18,617	0.58500000	9,309	9,309	0.89	14,149	(4,468)
Centrex ( 1 Line )	NY / CT	2,412	1.17	2,822	1.17000000	-	2,822	1.78	4,290	1,467
		<u>949,359</u>		<u>\$ 1,405,804</u>		<u>\$ 480,933</u>	<u>\$ 924,871</u>		<u>\$ 1,405,804</u>	<u>\$0</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base) +1] =	1.519999781		
<b>New England Combined</b>										
<b>Multi-line Rates</b>										
BRI - ISDN	NE Combined	11,088	\$1.59	\$ 17,630			\$ 17,630	\$2.64	\$ 29,286	\$ 11,656
PRI - ISDN	NE Combined	3,944	15.27	60,225			60,225	25.37	100,042	39,817
Multi Line Bus - Other	NE Combined	149,366	1.52	227,036			227,036	2.52	377,139	150,103
PBX Trunk w/o End User Port Charge	NE Combined	19,334	1.52	29,388			29,388	2.52	48,817	19,429
Centrex (>= 9 Lines )	NE Combined	198,257	1.17	231,961	\$ 0.13000000	\$ 206,187	25,773	0.22	42,813	(189,147)
Centrex ( 8 Lines )	NE Combined	5,347	1.17	6,256	0.14625000	5,474	782	0.24	1,299	(4,957)
Centrex ( 7 Lines )	NE Combined	5,930	1.17	6,938	0.16714286	5,947	991	0.28	1,646	(5,292)
Centrex ( 6 Lines )	NE Combined	6,555	1.17	7,669	0.19500000	6,391	1,278	0.32	2,123	(5,546)
Centrex ( 5 Lines )	NE Combined	7,055	1.17	8,254	0.23400000	6,603	1,651	0.39	2,742	(5,512)
Centrex ( 4 Lines )	NE Combined	8,261	1.17	9,665	0.29250000	7,249	2,416	0.49	4,014	(5,651)
Centrex ( 3 Lines )	NE Combined	6,812	1.17	7,970	0.39000000	5,313	2,657	0.65	4,413	(3,557)
Centrex ( 2 Lines )	NE Combined	7,869	1.17	9,207	0.58500000	4,603	4,603	0.97	7,647	(1,560)
Centrex ( 1 Line )	NE Combined	281	1.17	329	1.17000000	-	329	1.94	546	217
		<u>430,099</u>		<u>\$ 622,528</u>		<u>\$ 247,769</u>	<u>\$ 374,759</u>		<u>\$ 622,528</u>	<u>\$0</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base) +1] =	1.661140382		

## Verizon - East

### Calculation of PBX FUSF Rate with Port Charge

1st Quarter 2017

<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	1.21	1.48	1.79
PBX Trunks with Line Ports	MD	1.51	1.66	2.50
PBX Trunks with Line Ports	VA	1.58	1.51	2.39
PBX Trunks with Line Ports	DE	1.64	1.77	2.90
PBX Trunks with Line Ports	NJ	1.62	1.60	2.60
PBX Trunks with Line Ports	PA	1.54	1.84	2.83
PBX Trunks with Line Ports	NY/CT	1.72	1.52	2.62
PBX Trunks with Line Ports	NEW ENGLAND	1.72	1.66	2.86

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

Verizon Interstate Special Access End User Factor

1st Quarter 2017 Contribution Factor

0.167000