

Quarter: 3rd Quarter 2016
3rd Quarter 2016 Contribution Factor
Transmittal Number: Transmittal Number 1334
(Replace ??? With the actual number; It will be populated on all forms.)
0.179
(e = .179)

May 2016 Access Lines

Verizon - East
 Summary of FCC Waiver FUSF Rates
 3rd Quarter 2016

<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	1.17
BRI - ISDN	DC	1.49
PRI - ISDN	DC	14.91
Multi Line Bus - Other	DC	1.74
PBX Trunk w/o End User Port Charge	DC	1.74
PBX Trunk with End User Port Charge	DC	1.92
Centrex (>= 9 Lines)	DC *	0.13
Centrex (8 Lines)	DC *	0.15
Centrex (7 Lines)	DC *	0.17
Centrex (6 Lines)	DC *	0.20
Centrex (5 Lines)	DC *	0.23
Centrex (4 Lines)	DC *	0.29
Centrex (3 Lines)	DC *	0.39
Centrex (2 Lines)	DC *	0.59
Centrex (1 Line)	DC *	1.17
Note * : Centrex Verizon DC - First 1-9 lines (Flat Rate)	1.17	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	1.49
BRI - ISDN	MD	2.51
PRI - ISDN	MD	19.47
Multi Line Bus - Other	MD	2.49
PBX Trunk w/o End User Port Charge	MD	2.49
PBX Trunk with End User Port Charge	MD	2.71
Centrex (>= 9 Lines)	MD *	0.21
Centrex (8 Lines)	MD *	0.23
Centrex (7 Lines)	MD *	0.27
Centrex (6 Lines)	MD *	0.31
Centrex (5 Lines)	MD *	0.37
Centrex (4 Lines)	MD *	0.47
Centrex (3 Lines)	MD *	0.62
Centrex (2 Lines)	MD *	0.94
Centrex (1 Line)	MD *	1.87
Note * : Centrex Verizon MD - First 1-9 lines (Flat Rate)	1.87	10 lines and over (per line) 0.21
Res	VA	\$ 1.10
Non-Primary Res	VA	1.10
Single Line Bus	VA	1.31
Multi Line Bus - Payphone	VA	1.57
BRI - ISDN	VA	2.08
PRI - ISDN	VA	18.29
Multi Line Bus - Other	VA	2.39
PBX Trunk w/o End User Port Charge	VA	2.39
PBX Trunk with End User Port Charge	VA	2.57
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

<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	1.63
BRI - ISDN	DE	2.95
PRI - ISDN	DE	22.23
Multi Line Bus - Other	DE	2.93
PBX Trunk w/o End User Port Charge	DE	2.93
PBX Trunk with End User Port Charge	DE	3.17
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	0.57
Centrex (3 Lines)	DE	0.76
Centrex (2 Lines)	DE	1.13
Centrex (1 Line)	DE	2.27
Res	NJ	\$ 1.35
Non-Primary Res	NJ	1.35
Single Line Bus	NJ	1.35
Multi Line Bus - Payphone	NJ	1.61
BRI - ISDN	NJ	2.58
PRI - ISDN	NJ	19.49
Multi Line Bus - Other	NJ	2.57
PBX Trunk w/o End User Port Charge	NJ	2.57
PBX Trunk with End User Port Charge	NJ	2.76
Centrex (>= 9 Lines)	NJ	0.22
Centrex (8 Lines)	NJ	0.25
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)	\$ 1.27
Non-Primary Res	PA (P1)	1.27
Single Line Bus	PA (P1)	1.27
Multi Line Bus - Payphone	PA (P1)	1.53
BRI - ISDN	PA (P1)	2.85
PRI - ISDN	PA (P1)	21.84
Multi Line Bus - Other	PA (P1)	2.83
PBX Trunk w/o End User Port Charge	PA (P1)	2.83
PBX Trunk with End User Port Charge	PA (P1)	3.05
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)	0.35
Centrex (5 Lines)	PA (P1)	0.42
Centrex (4 Lines)	PA (P1)	0.53
Centrex (3 Lines)	PA (P1)	0.71
Centrex (2 Lines)	PA (P1)	1.06
Centrex (1 Line)	PA (P1)	2.12

<u>Service Type</u>	<u>State/Area</u>	<u>Calculated FUSF Rate (a)</u>
Res	NY	\$ 1.16
Non-Primary Res	NY	1.16
Single Line Bus	NY	1.37
Multi Line Bus - Payphone	NY	1.63
BRI - ISDN	NY	2.27
PRI - ISDN	NY	24.86
Multi Line Bus - Other	NY	2.48
PBX Trunk w/o End User Port Charge	NY	2.48
PBX Trunk with End User Port Charge	NY	2.80
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	0.47
Centrex (3 Lines)	NY	0.63
Centrex (2 Lines)	NY	0.95
Centrex (1 Line)	NY	1.90
Res	NEW ENGLAND	\$ 1.37
Non-Primary Res	NEW ENGLAND	1.37
Single Line Bus	NEW ENGLAND	1.37
Multi Line Bus - Payphone	NEW ENGLAND	1.63
BRI - ISDN	NEW ENGLAND	2.85
PRI - ISDN	NEW ENGLAND	27.24
Multi Line Bus - Other	NEW ENGLAND	2.71
PBX Trunk w/o End User Port Charge	NEW ENGLAND	2.71
PBX Trunk with End User Port Charge	NEW ENGLAND	3.06
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	0.35
Centrex (5 Lines)	NEW ENGLAND	0.42
Centrex (4 Lines)	NEW ENGLAND	0.52
Centrex (3 Lines)	NEW ENGLAND	0.69
Centrex (2 Lines)	NEW ENGLAND	1.04
Centrex (1 Line)	NEW ENGLAND	2.08
Res	CT	\$ 1.37
Non-Primary Res	CT	\$ 1.37
Single Line Bus	CT	\$ 1.37
Multi Line Bus - Payphone	CT	\$ 1.63
BRI - ISDN	CT	2.60
PRI - ISDN	CT	24.83
Multi Line Bus - Other	CT	2.47
PBX Trunk w/o End User Port Charge	CT	2.47
PBX Trunk with End User Port Charge	CT	2.80
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
3rd Quarter 2016

Service Type	Area	State	3rd 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	3.90	0.15	N/A	4.05		0.72
Res, SL Bus	East - South	MD	5.71	1.17	N/A	6.88		1.23
Res, SL Bus	East - South	VA	6.14	1.17	N/A	7.31		1.31
Res, SL Bus	East - South	DE	6.49	1.17	N/A	7.66		1.37
Res, SL Bus	East - South	NJ	6.36	1.17	N/A	7.53		1.35
Res, SL Bus	East - South	PA	5.90	1.17	N/A	7.07		1.27
Non-Primary Res	East - South	DC	3.90	0.15	N/A	4.05		0.72
Non-Primary Res	East - South	MD	5.71	1.17	N/A	6.88		1.23
Non-Primary Res	East - South	VA	6.14	1.17	N/A	7.31		1.31
Non-Primary Res	East - South	DE	6.49	1.17	N/A	7.66		1.37
Non-Primary Res	East - South	NJ	6.36	1.17	N/A	7.53		1.35
Non-Primary Res	East - South	PA	5.90	1.17	N/A	7.07		1.27
Multi-Line Bus - Other	East - South	DC	3.90	2.62	N/A	6.52		1.17
Multi-Line Bus - Other	East - South	MD	5.71	2.62	N/A	8.33		1.49
Multi-Line Bus - Other	East - South	VA	6.14	2.62	N/A	8.76		1.57
Multi-Line Bus - Other	East - South	DE	6.49	2.62	N/A	9.11		1.63
Multi-Line Bus - Other	East - South	NJ	6.36	2.62	N/A	8.98		1.61
Multi-Line Bus - Other	East - South	PA	5.90	2.62	N/A	8.52		1.53
Multi-Line Bus - Payphone	East - South	DC	3.90	2.62	N/A	6.52		1.17
Multi-Line Bus - Payphone	East - South	MD	5.71	2.62	N/A	8.33		1.49
Multi-Line Bus - Payphone	East - South	VA	6.14	2.62	N/A	8.76		1.57
Multi-Line Bus - Payphone	East - South	DE	6.49	2.62	N/A	9.11		1.63
Multi-Line Bus - Payphone	East - South	NJ	6.36	2.62	N/A	8.98		1.61
Multi-Line Bus - Payphone	East - South	PA	5.90	2.62	N/A	8.52		1.53
BRI - ISDN	East - South	DC	3.90	0.15	1.52	5.57		1.00
BRI - ISDN	East - South	MD	5.71	1.17	1.52	8.40		1.50
BRI - ISDN	East - South	VA	6.14	0	1.52	7.66		1.37
BRI - ISDN	East - South	DE	6.49	1.17	1.52	9.18		1.64
BRI - ISDN	East - South	NJ	6.36	1.17	1.52	9.05		1.62
BRI - ISDN	East - South	PA	5.90	1.17	1.52	8.59		1.54
PRI - ISDN	East - South	DC	19.50	13.10	23.43	56.03		10.03
PRI - ISDN	East - South	MD	28.55	13.10	23.43	65.08		11.65
PRI - ISDN	East - South	VA	30.70	13.10	23.43	67.23		12.03
PRI - ISDN	East - South	DE	32.45	13.10	23.43	68.98		12.35
PRI - ISDN	East - South	NJ	31.80	13.10	23.43	68.33		12.23
PRI - ISDN	East - South	PA	29.50	13.10	23.43	66.03		11.82
PBX Trunks w/o End User Port Charge	East - South	DC	3.90	2.62	N/A	6.52		1.17
PBX Trunks w/o End User Port Charge	East - South	MD	5.71	2.62	N/A	8.33		1.49
PBX Trunks w/o End User Port Charge	East - South	VA	6.14	2.62	N/A	8.76		1.57
PBX Trunks w/o End User Port Charge	East - South	DE	6.49	2.62	N/A	9.11		1.63
PBX Trunks w/o End User Port Charge	East - South	NJ	6.36	2.62	N/A	8.98		1.61
PBX Trunks w/o End User Port Charge	East - South	PA	5.90	2.62	N/A	8.52		1.53

Verizon - East
Calculation of FUSF Rates
3rd Quarter 2016

Service Type	Area	State	3rd Quarter 2016 Contribution					
			(SLC)	(ARC)	(Port Chg)	Sum	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	3.90	2.62	0.70	7.22		1.29
PBX Trunks with End User Port Charge (DID)	East - South	MD	5.71	2.62	0.70	9.03		1.62
PBX Trunks with End User Port Charge (DID)	East - South	VA	6.14	2.62	0.70	9.46		1.69
PBX Trunks with End User Port Charge (DID)	East - South	DE	6.49	2.62	0.70	9.81		1.76
PBX Trunks with End User Port Charge (DID)	East - South	NJ	6.36	2.62	0.70	9.68		1.73
PBX Trunks with End User Port Charge (DID)	East - South	PA	5.90	2.62	0.70	9.22		1.65
Centrex (>= 9 Lines)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (8 Lines)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (7 Lines)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (6 Lines)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (5 Lines)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (4 Lines)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (3 Lines)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (2 Lines)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (1 Line)	East - South	DC	3.90	0.53	N/A	4.43		0.79
Centrex (>= 9 Lines)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (8 Lines)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (7 Lines)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (6 Lines)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (5 Lines)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (4 Lines)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (3 Lines)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (2 Lines)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (1 Line)	East - South	MD	5.71	0.53	N/A	6.24		1.12
Centrex (>= 9 Lines)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (8 Lines)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (7 Lines)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (6 Lines)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (5 Lines)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (4 Lines)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (3 Lines)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (2 Lines)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (1 Line)	East - South	VA	6.14	0.53	N/A	6.67		1.19
Centrex (>= 9 Lines)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (8 Lines)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (7 Lines)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (6 Lines)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (5 Lines)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (4 Lines)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (3 Lines)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (2 Lines)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (1 Line)	East - South	DE	6.49	0.53	N/A	7.02		1.26
Centrex (>= 9 Lines)	East - South	NJ	6.36	0.53	N/A	6.89		1.23
Centrex (8 Lines)	East - South	NJ	6.36	0.53	N/A	6.89		1.23
Centrex (7 Lines)	East - South	NJ	6.36	0.53	N/A	6.89		1.23
Centrex (6 Lines)	East - South	NJ	6.36	0.53	N/A	6.89		1.23
Centrex (5 Lines)	East - South	NJ	6.36	0.53	N/A	6.89		1.23
Centrex (4 Lines)	East - South	NJ	6.36	0.53	N/A	6.89		1.23
Centrex (3 Lines)	East - South	NJ	6.36	0.53	N/A	6.89		1.23
Centrex (2 Lines)	East - South	NJ	6.36	0.53	N/A	6.89		1.23

Verizon - East
Calculation of FUSF Rates
3rd Quarter 2016

Service Type	Area	State	(SLC)	(ARC)	(Port Chg)	Sum	3rd Quarter 2016	USF Rate
							Contribution	
			(a)	(b)	(c)	(d = a+b+c)	(e = .179)	(f = d x e)
Centrex (1 Line)	East - South	NJ	6.36	0.53	N/A	6.89		1.23
Centrex (>= 9 Lines)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Centrex (8 Lines)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Centrex (7 Lines)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Centrex (6 Lines)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Centrex (5 Lines)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Centrex (4 Lines)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Centrex (3 Lines)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Centrex (2 Lines)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Centrex (1 Line)	East - South	PA	5.90	0.53	N/A	6.43		1.15
Res, SL Bus	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	1.17	N/A	7.63		1.37
Non-Primary Res	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	1.17	N/A	7.63		1.37
BRI - ISDN	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	1.17	1.90	9.53		1.71
PRI - ISDN	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	32.30	13.1	46.01	91.41		16.36
Multi Line Bus - Other Except PBX & Flexpath	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	2.62	N/A	9.08		1.63
Multi Line Bus - Payphone	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	2.62	N/A	9.08		1.63
PBX Trunks & Flexpath w/o Line Port Charges	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	2.62	N/A	9.08		1.63
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		1.84
Centrex (>= 9 Lines)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25
Centrex (8 Lines)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25
Centrex (7 Lines)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25
Centrex (6 Lines)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25
Centrex (5 Lines)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25
Centrex (4 Lines)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25
Centrex (3 Lines)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25
Centrex (2 Lines)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25
Centrex (1 Line)	East - North	NEW ENGLAND (a), NEW YORK / CONNECTICUT	6.46	0.53	N/A	6.99		1.25

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)

1.10

1.10

USF Rate w/out ARC

(f1=a x e)

USF Rate w/out ARC

(f1=a x e)

1.16
1.16
1.50

Verizon - East
Ratemaking for FUSF Per-line using Centrex Equivalency
3rd Quarter 2016

WP USF - 3
Transmittal Number 1334

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)
Multi-line Rates										
BRI - ISDN	DC	51,520	\$ 1.00	\$ 51,520			\$ 51,520	\$ 1.49	\$ 76,573	\$ 25,053
PRI - ISDN	DC	3,280	10.03	32,898			32,898	14.91	48,896	15,998
Multi Line Bus - Other	DC	28,585	1.17	33,445			33,445	1.74	49,708	16,264
PBX Trunk w/o End User Port Charge	DC	6,560	1.17	7,675			7,675	1.74	11,408	3,732
Centrex (>= 9 Lines)	DC	84,135	0.79	66,467	\$ 0.087777778	\$ 59,081	7,385	0.13	10,976	(55,490)
Centrex (8 Lines)	DC	1,311	0.79	1,036	0.09875000	906	129	0.15	192	(843)
Centrex (7 Lines)	DC	1,289	0.79	1,018	0.11285714	873	145	0.17	216	(802)
Centrex (6 Lines)	DC	1,549	0.79	1,224	0.13166667	1,020	204	0.20	303	(921)
Centrex (5 Lines)	DC	1,609	0.79	1,271	0.15800000	1,017	254	0.23	378	(893)
Centrex (4 Lines)	DC	1,948	0.79	1,539	0.19750000	1,154	385	0.29	572	(967)
Centrex (3 Lines)	DC	1,924	0.79	1,520	0.26333333	1,013	507	0.39	753	(767)
Centrex (2 Lines)	DC	2,120	0.79	1,675	0.39500000	837	837	0.59	1,245	(430)
Centrex (1 Line)	DC	173	0.79	137	0.79000000	-	137	1.17	203	66
		<u>186,003</u>		<u>\$ 201,424</u>			<u>\$ 135,522</u>		<u>\$ 201,424</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.486283219		
Multi-line Rates										
BRI - ISDN	MD	40,461	\$ 1.50	\$ 60,692			\$ 60,692	\$ 2.51	\$ 101,416	\$ 40,725
PRI - ISDN	MD	4,598	11.65	53,567			53,567	19.47	89,511	35,944
Multi Line Bus - Other	MD	123,360	1.49	183,806			183,806	2.49	307,142	123,336
PBX Trunk w/o End User Port Charge	MD	16,113	1.49	24,008			24,008	2.49	40,118	16,110
Centrex (>= 9 Lines)	MD	167,953	1.12	188,107	\$ 0.124444444	\$ 167,207	20,901	0.21	34,926	(153,182)
Centrex (8 Lines)	MD	8,919	1.12	9,989	0.14000000	8,741	1,249	0.23	2,087	(7,903)
Centrex (7 Lines)	MD	9,342	1.12	10,463	0.16000000	8,968	1,495	0.27	2,498	(7,965)
Centrex (6 Lines)	MD	12,700	1.12	14,224	0.18666667	11,853	2,371	0.31	3,961	(10,263)
Centrex (5 Lines)	MD	14,610	1.12	16,363	0.22400000	13,091	3,273	0.37	5,469	(10,895)
Centrex (4 Lines)	MD	18,096	1.12	20,268	0.28000000	15,201	5,067	0.47	8,467	(11,801)
Centrex (3 Lines)	MD	19,816	1.12	22,194	0.37333333	14,796	7,398	0.62	12,362	(9,832)
Centrex (2 Lines)	MD	25,733	1.12	28,821	0.56000000	14,410	14,410	0.94	24,080	(4,741)
Centrex (1 Line)	MD	620	1.12	694	1.12000000	-	694	1.87	1,160	466
		<u>462,321</u>		<u>\$ 633,196</u>			<u>\$ 378,930</u>		<u>\$ 633,196</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.671011839		
Multi-line Rates										
BRI - ISDN	VA	40,827	\$ 1.37	\$ 55,933			\$ 55,933	\$ 2.08	\$ 85,061	\$ 29,128
PRI - ISDN	VA	5,237	12.03	63,001			63,001	18.29	95,810	32,809
Multi Line Bus - Other	VA	108,720	1.57	170,691			170,691	2.39	259,580	88,889
PBX Trunk w/o End User Port Charge	VA	14,627	1.57	22,964			22,964	2.39	34,923	11,959
Centrex (>= 9 Lines)	VA	113,991	1.19	135,649	\$ 0.132222222	\$ 120,577	15,072	0.20	22,921	(112,728)
Centrex (8 Lines)	VA	5,913	1.19	7,036	0.14875000	6,157	880	0.23	1,338	(5,699)
Centrex (7 Lines)	VA	6,620	1.19	7,878	0.17000000	6,752	1,125	0.26	1,711	(6,166)
Centrex (6 Lines)	VA	8,783	1.19	10,452	0.19833333	8,710	1,742	0.30	2,649	(7,803)
Centrex (5 Lines)	VA	9,923	1.19	11,808	0.23800000	9,447	2,362	0.36	3,592	(8,217)
Centrex (4 Lines)	VA	12,648	1.19	15,051	0.29750000	11,288	3,763	0.45	5,722	(9,329)
Centrex (3 Lines)	VA	13,918	1.19	16,562	0.39666667	11,042	5,521	0.60	8,396	(8,167)
Centrex (2 Lines)	VA	16,925	1.19	20,141	0.59500000	10,070	10,070	0.90	15,315	(4,826)
Centrex (1 Line)	VA	242	1.19	288	1.19000000	-	288	1.81	438	150
		<u>358,374</u>		<u>\$ 537,455</u>			<u>\$ 353,412</u>		<u>\$ 537,455</u>	<u>\$ (0)</u>
Multi-line Adjustment Factor							[(Revenue Loss / adjusted base] +1) =	1.520761133		

Verizon - East
 Ratemaking for FUSF Per-line using Centrex Equivalency
 3rd Quarter 2016

WP USF - 3
 Transmittal Number 1334

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)
Multi-line Rates										
BRI - ISDN	DE	595	\$ 1.64	\$ 976			\$ 976	\$ 2.95	\$ 1,757	\$ 781
PRI - ISDN	DE	927	12.35	11,448			11,448	22.23	20,609	9,161
Multi Line Bus - Other	DE	16,376	1.63	26,694			26,694	2.93	48,053	21,359
PBX Trunk w/o End User Port Charge	DE	1,813	1.63	2,955			2,955	2.93	5,320	2,365
Centrex (>= 9 Lines)	DE	27,277	1.26	34,369	\$ 0.14000000	\$ 30,550	3,819	0.25	6,874	(27,495)
Centrex (8 Lines)	DE	866	1.26	1,091	0.15750000	955	136	0.28	246	(846)
Centrex (7 Lines)	DE	998	1.26	1,257	0.18000000	1,078	180	0.32	323	(934)
Centrex (6 Lines)	DE	1,365	1.26	1,720	0.21000000	1,433	287	0.38	516	(1,204)
Centrex (5 Lines)	DE	1,316	1.26	1,658	0.25200000	1,327	332	0.45	597	(1,061)
Centrex (4 Lines)	DE	1,618	1.26	2,039	0.31500000	1,529	510	0.57	917	(1,121)
Centrex (3 Lines)	DE	1,643	1.26	2,070	0.42000000	1,380	690	0.76	1,242	(828)
Centrex (2 Lines)	DE	1,846	1.26	2,326	0.63000000	1,163	1,163	1.13	2,094	(232)
Centrex (1 Line)	DE	55	1.26	69	1.26000000	-	69	2.27	125	55
		56,695		\$ 88,673		\$ 39,415	\$ 49,258		\$ 88,673	\$ 0
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.800167465		
Multi-line Rates										
BRI - ISDN	NJ	16,449	\$ 1.62	\$ 26,647			\$ 26,647	\$ 2.58	\$ 42,476	\$ 15,828
PRI - ISDN	NJ	4,212	12.23	51,513			51,513	19.49	82,111	30,598
Multi Line Bus - Other	NJ	238,618	1.61	384,175			384,175	2.57	612,374	228,198
PBX Trunk w/o End User Port Charge	NJ	2,085	1.61	3,357			3,357	2.57	5,351	1,994
Centrex (>= 9 Lines)	NJ	214,707	1.23	264,090	\$ 0.13666667	\$ 234,746	29,343	0.22	46,773	(217,317)
Centrex (8 Lines)	NJ	7,352	1.23	9,043	0.15375000	7,913	1,130	0.25	1,802	(7,241)
Centrex (7 Lines)	NJ	7,910	1.23	9,729	0.17571429	8,339	1,390	0.28	2,215	(7,514)
Centrex (6 Lines)	NJ	10,550	1.23	12,977	0.20500000	10,814	2,163	0.33	3,447	(9,529)
Centrex (5 Lines)	NJ	12,651	1.23	15,561	0.24600000	12,449	3,112	0.39	4,961	(10,600)
Centrex (4 Lines)	NJ	15,181	1.23	18,673	0.30750000	14,004	4,668	0.49	7,441	(11,232)
Centrex (3 Lines)	NJ	17,675	1.23	21,740	0.41000000	14,494	7,247	0.65	11,551	(10,189)
Centrex (2 Lines)	NJ	21,247	1.23	26,134	0.61500000	13,067	13,067	0.98	20,829	(5,305)
Centrex (1 Line)	NJ	3,158	1.23	3,884	1.23000000	-	3,884	1.96	6,192	2,307
		571,795		\$ 847,523		\$ 315,826	\$ 531,697		\$ 847,523	\$ 0
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.593995228		
Multi-line Rates										
BRI - ISDN	PA (P1)	7,395	\$ 1.54	\$ 11,388			\$ 11,388	\$ 2.85	\$ 21,041	\$ 9,652
PRI - ISDN	PA (P1)	4,777	11.82	56,464			56,464	21.84	104,322	47,858
Multi Line Bus - Other	PA (P1)	154,162	1.53	235,868			235,868	2.83	435,783	199,916
PBX Trunk w/o End User Port Charge	PA (P1)	20,936	1.53	32,032			32,032	2.83	59,182	27,150
Centrex (>= 9 Lines)	PA (P1)	243,663	1.15	280,212	\$ 0.12777778	\$ 249,078	31,135	0.24	57,524	(222,689)
Centrex (8 Lines)	PA (P1)	9,975	1.15	11,471	0.14375000	10,037	1,434	0.27	2,649	(8,822)
Centrex (7 Lines)	PA (P1)	10,760	1.15	12,374	0.16428571	10,606	1,768	0.30	3,266	(9,108)
Centrex (6 Lines)	PA (P1)	13,970	1.15	16,066	0.19166667	13,388	2,678	0.35	4,947	(11,118)
Centrex (5 Lines)	PA (P1)	15,672	1.15	18,023	0.23000000	14,418	3,605	0.42	6,660	(11,363)
Centrex (4 Lines)	PA (P1)	18,802	1.15	21,622	0.28750000	16,217	5,406	0.53	9,987	(11,635)
Centrex (3 Lines)	PA (P1)	20,926	1.15	24,065	0.38333333	16,043	8,022	0.71	14,821	(9,244)
Centrex (2 Lines)	PA (P1)	23,088	1.15	26,551	0.57500000	13,276	13,276	1.06	24,528	(2,024)
Centrex (1 Line)	PA (P1)	1,465	1.15	1,685	1.15000000	-	1,685	2.12	3,113	1,428
		545,591		\$ 747,821		\$ 343,063	\$ 404,758		\$ 747,821	\$ 0
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =		1.847575187		

Verizon - East
 Ratemaking for FUSF Per-line using Centrex Equivalency
 3rd Quarter 2016

WP USF - 3
 Transmittal Number 1334

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)
Multi-line Rates										
BRI - ISDN	NY / CT	15,346	\$ 1.71	\$ 26,242		\$ 26,242	\$ 2.60	\$ 39,829	\$ 13,588	
PRI - ISDN	NY / CT	10,497	16.36	171,731		171,731	24.83	260,652	88,921	
Multi Line Bus - Other	NY / CT	425,644	1.63	693,799		693,799	2.47	1,053,043	359,244	
PBX Trunk w/o End User Port Charge	NY / CT	34,619	1.63	56,429		56,429	2.47	85,647	29,219	
Centrex (>= 9 Lines)	NY / CT	404,076	1.25	505,095	\$ 0.138888889	\$ 448,973	0.21	85,181	(419,914)	
Centrex (8 Lines)	NY / CT	10,114	1.25	12,643	0.15625000	11,062	0.24	2,399	(10,244)	
Centrex (7 Lines)	NY / CT	10,320	1.25	12,900	0.17857143	11,057	0.27	2,797	(10,103)	
Centrex (6 Lines)	NY / CT	12,348	1.25	15,435	0.20833333	12,863	0.32	3,905	(11,530)	
Centrex (5 Lines)	NY / CT	15,805	1.25	19,756	0.25000000	15,805	0.38	5,997	(13,759)	
Centrex (4 Lines)	NY / CT	16,940	1.25	21,175	0.31250000	15,881	0.47	8,035	(13,140)	
Centrex (3 Lines)	NY / CT	14,401	1.25	18,001	0.41666667	12,001	0.63	9,107	(8,894)	
Centrex (2 Lines)	NY / CT	16,663	1.25	20,829	0.62500000	10,414	0.95	15,807	(5,022)	
Centrex (1 Line)	NY / CT	2,526	1.25	3,158	1.25000000	-	1.90	4,792	1,635	
		989,299		\$ 1,577,192		\$ 538,057		\$ 1,577,192	\$ (0)	
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =	1.517792562			
New England Combined										
Multi-line Rates										
BRI - ISDN	NE Combined	12,524	\$ 1.71	\$ 21,416		\$ 21,416	\$ 2.85	\$ 35,665	\$ 14,249	
PRI - ISDN	NE Combined	4,233	16.36	69,252		69,252	27.24	115,327	46,075	
Multi Line Bus - Other	NE Combined	155,108	1.63	252,826		252,826	2.71	421,038	168,212	
PBX Trunk w/o End User Port Charge	NE Combined	21,555	1.63	35,135		35,135	2.71	58,511	23,376	
Centrex (>= 9 Lines)	NE Combined	211,664	1.25	264,580	\$ 0.138888889	\$ 235,182	0.23	48,957	(215,623)	
Centrex (8 Lines)	NE Combined	5,708	1.25	7,135	0.15625000	6,243	0.26	1,485	(5,650)	
Centrex (7 Lines)	NE Combined	6,334	1.25	7,918	0.17857143	6,786	0.30	1,884	(6,034)	
Centrex (6 Lines)	NE Combined	6,999	1.25	8,749	0.20833333	7,291	0.35	2,428	(6,320)	
Centrex (5 Lines)	NE Combined	7,535	1.25	9,419	0.25000000	7,535	0.42	3,137	(6,282)	
Centrex (4 Lines)	NE Combined	8,823	1.25	11,029	0.31250000	8,272	0.52	4,592	(6,437)	
Centrex (3 Lines)	NE Combined	7,291	1.25	9,114	0.41666667	6,076	0.69	5,059	(4,055)	
Centrex (2 Lines)	NE Combined	8,421	1.25	10,526	0.62500000	5,263	1.04	8,765	(1,761)	
Centrex (1 Line)	NE Combined	300	1.25	375	1.25000000	-	2.08	624	249	
		456,495		\$ 707,472		\$ 282,648		\$ 707,472	\$ (0)	
Multi-line Adjustment Factor						[(Revenue Loss / adjusted base) +1] =	1.665328816			

Verizon - East

Calculation of PBX FUSF Rate with Port Charge

3rd 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	1.29	1.49	1.92
PBX Trunks with Line Ports	MD	1.62	1.67	2.71
PBX Trunks with Line Ports	VA	1.69	1.52	2.57
PBX Trunks with Line Ports	DE	1.76	1.80	3.17
PBX Trunks with Line Ports	NJ	1.73	1.59	2.76
PBX Trunks with Line Ports	PA	1.65	1.85	3.05
PBX Trunks with Line Ports	NY/CT	1.84	1.52	2.80
PBX Trunks with Line Ports	NEW ENGLAND	1.84	1.67	3.06

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

Verizon Interstate Special Access End User Factor

3rd Quarter 2016 Contribution Factor

0.179000