

Table 1: Purchase transactions

	2009, Number (billions)	2009, Number (% of total)	2009, Value (\$ billions)	2009, Value (% of total)	2009, Average (\$)	2011, Number (billions)	2011, Number (% of total)	2011, Value (\$ billions)	2011, Value (% of total)	2011, Average (\$)	2012, Number (billions)	2012, Number (% of total)	2012, Value (\$ billions)	2012, Value (% of total)	2012, Average (\$)
All transactions	37.58		1,434.84		38.18	46.66		1,820.97		39.02	50.34		1,962.81		38.99
All transactions, non-prepaid debit card	36.39	96.8%	1,397.22	97.4%	38.40	44.23	94.8%	1,737.38	95.4%	39.28	47.49	94.3%	1,865.78	95.1%	39.29
All transactions, prepaid card	1.20	3.2%	37.62	2.6%	31.47	2.43	5.2%	83.59	4.6%	34.42	2.86	5.7%	97.02	4.9%	33.97
Dual-message networks	23.45		865.45		36.90	29.59	63.4%	1,107.13	60.8%	37.42	32.25	64.1%	1,209.10	61.6%	37.49
Dual-message networks, non-prepaid debit card	22.52	96.0%	836.53	96.7%	37.15	28.00	94.6%	1,054.90	95.3%	37.67	30.37	94.2%	1,146.94	94.9%	37.76
Dual-message networks, prepaid card ¹	0.93	4.0%	28.92	3.3%	30.99	1.58	5.4%	52.23	4.7%	32.97	1.88	5.8%	62.15	5.1%	33.14
Single-message networks	14.13		569.40	39.7%	40.30	17.08	36.6%	713.84	39.2%	41.80	18.09	35.9%	753.71	38.4%	41.65
Single-message networks, non-prepaid debit card	13.87	98.1%	560.69	98.5%	40.44	16.23	95.1%	682.48	95.6%	42.04	17.11	94.6%	718.84	95.4%	42.00
Single-message networks, prepaid card ¹	0.26	1.9%	8.70	1.5%	33.15	0.84	4.9%	31.36	4.4%	37.16	0.98	5.4%	34.87	4.6%	35.57

¹ Prepaid card transactions were not reported by network type in 2009. Values and volumes of prepaid card transactions in 2009 by network type are estimated using the proportion of prepaid card transactions by network type for each network in 2011.

Table 1: Purchase transactions

	2013, Number (billions)	2013, Number (% of total)	2013, Value (\$ billions)	2013, Value (% of total)	2013, Average (\$)	2014, Number (billions)	2014, Number (% of total)	2014, Value (\$ billions)	2014, Value (% of total)	2014, Average (\$)	2015, Number (billions)	2015, Number (% of total)	2015, Value (\$ billions)	2015, Value (% of total)	2015, Average (\$)
All transactions	53.65		2,065.58		38.50	56.71		2,190.68		38.63	60.59		2,314.85		38.20
All transactions, non-prepaid debit card	50.62	94.3%	1,965.87	95.2%	38.84	53.47	94.3%	2,081.55	95.0%	38.93	56.93	93.9%	2,188.25	94.5%	38.44
All transactions, prepaid card	3.04	5.7%	99.71	4.8%	32.85	3.23	5.7%	109.14	5.0%	33.75	3.67	6.1%	126.60	5.5%	34.53
Dual-message networks	35.08	65.4%	1,316.03	63.7%	37.52	37.20	65.6%	1,409.01	64.3%	37.88	39.71	65.5%	1,495.47	64.6%	37.66
Dual-message networks, non-prepaid debit card	32.94	93.9%	1,247.01	94.8%	37.85	34.86	93.7%	1,331.31	94.5%	38.19	37.19	93.7%	1,410.01	94.3%	37.91
Dual-message networks, prepaid card ¹	2.13	6.1%	69.02	5.2%	32.33	2.33	6.3%	77.71	5.5%	33.29	2.52	6.3%	85.46	5.7%	33.92
Single-message networks	18.57	34.6%	749.55	36.3%	40.36	19.51	34.4%	781.67	35.7%	40.06	20.88	34.5%	819.38	35.4%	39.25
Single-message networks, non-prepaid debit card	17.67	95.1%	718.86	95.9%	40.68	18.61	95.4%	750.24	96.0%	40.31	19.73	94.5%	778.24	95.0%	39.44
Single-message networks, prepaid card ¹	0.90	4.9%	30.69	4.1%	34.06	0.90	4.6%	31.43	4.0%	34.95	1.15	5.5%	41.13	5.0%	35.89

¹ Prepaid card transactions were not reported by network type in 2009. Values and volumes of prepaid card transactions in 2009 by network type are estimated using the proportion of prepaid card transactions by network type for each network in 2011.

Table 2: Card-present and card-not-present transactions

	2009, Number (billions)	2009, Number (% of total)	2009, Value (\$ billions)	2009, Value (% of total)	2009, Average (\$)	2011, Number (billions)	2011, Number (% of total)	2011, Value (\$ billions)	2011, Value (% of total)	2001, Average (\$)	2012, Number (billions)	2012, Number (% of total)	2012, Value (\$ billions)	2012, Value (% of total)	2012, Average (\$)
All transactions²	37.58		1,434.84		38.18	46.66		1,820.97		39.02	50.34		1,962.81		38.99
All transactions, card-present	33.98	90.4%	1,152.12	80.3%	33.90	41.58	89.1%	1,435.40	78.8%	34.52	44.41	88.2%	1,528.66	77.9%	34.42
All transactions, card-not-present	3.60	9.6%	282.72	19.7%	78.55	5.09	10.9%	385.57	21.2%	75.81	5.94	11.8%	434.14	22.1%	73.13
<i>Dual-message networks^{1,2}</i>	23.45		865.45		36.90	29.59		1,107.13		37.42	32.25		1,209.10		37.49
Dual-message networks, card-present ^{1,2}	20.05	85.5%	605.91	70.0%	30.22	24.72	83.5%	747.27	67.5%	30.23	26.52	82.2%	798.28	66.0%	30.10
Dual-message networks, card-not-present ^{1,2}	3.41	14.5%	259.53	30.0%	76.20	4.87	16.5%	359.86	32.5%	73.92	5.73	17.8%	410.82	34.0%	71.70
<i>Single-message networks^{1,2}</i>	14.13		569.40		40.30	17.08		713.84		41.80	18.09		753.71		41.65
Single-message networks, card-present ^{1,2}	13.94	98.6%	546.21	95.9%	39.20	16.86	98.7%	688.13	96.4%	40.82	17.89	98.9%	730.38	96.9%	40.83
Single-message networks, card-not-present ^{1,2}	0.19	1.4%	23.19	4.1%	120.18	0.22	1.3%	25.70	3.6%	118.09	0.21	1.1%	23.33	3.1%	112.67

¹ The distribution of prepaid card transactions between dual-message and single-message networks in 2009 is estimated based on 2011 proportions.

² Prepaid card transactions are included under both dual-message and single-message networks.

Table 2: Card-present and card-not-present transactions

	2013, Number (billions)	2013, Number (% of total)	2013, Value (\$ billions)	2013, Value (% of total)	2013, Average (\$)	2014, Number (billions)	2014, Number (% of total)	2014, Value (\$ billions)	2014, Value (% of total)	2014, Average (\$)	2015, Number (billions)	2015, Number (% of total)	2015, Value (\$ billions)	2015, Value (% of total)	2015, Average (\$)
All transactions²	53.65		2,065.58		38.50	56.71		2,190.68		38.63	60.59		2,314.85		38.20
All transactions, card-present	46.64	86.9%	1,572.71	76.1%	33.72	48.96	86.3%	1,639.58	74.8%	33.49	51.82	85.5%	1,694.25	73.2%	32.69
All transactions, card-not-present	7.01	13.1%	492.87	23.9%	70.32	7.75	13.7%	551.10	25.2%	71.10	8.77	14.5%	620.60	26.8%	70.76
<i>Dual-message networks^{1,2}</i>	35.08		1,316.03		37.52	37.20		1,409.01		37.88	39.71		1,495.47		37.66
Dual-message networks, card-present ^{1,2}	28.31	80.7%	843.66	64.1%	29.80	29.74	80.0%	881.32	62.5%	29.63	31.39	79.0%	901.67	60.3%	28.72
Dual-message networks, card-not-present ^{1,2}	6.77	19.3%	472.37	35.9%	69.78	7.45	20.0%	527.69	37.5%	70.81	8.32	21.0%	593.80	39.7%	71.37
<i>Single-message networks^{1,2}</i>	18.57		749.55		40.36	19.51		781.67		40.06	20.88		819.38		39.25
Single-message networks, card-present ^{1,2}	18.33	98.7%	729.05	97.3%	39.77	19.21	98.5%	758.26	97.0%	39.47	20.43	97.8%	792.58	96.7%	38.80
Single-message networks, card-not-present ^{1,2}	0.24	1.3%	20.50	2.7%	85.31	0.30	1.5%	23.41	3.0%	78.17	0.45	2.2%	26.80	3.3%	59.56

¹ The distribution of prepaid card transactions between dual-message and single-message networks in 2009 is estimated based on 2011 proportions.

² Prepaid card transactions are included under both dual-message and single-message networks.

Table 3: Covered and exempt debit card transactions - Original format

	January 1- September 31, 2011, Number (billions)	January 1- September 31, 2011, Number (% of total)	January 1- September 31, 2011, Value (\$ billions)	January 1- September 31, 2011, Value (% of total)	January 1- September 31, 2011, Average (\$)	October 1- December 31, 2011, Number (billions)	October 1- December 31, 2011, Number (% of total)	October 1- December 31, 2011, Value (\$ billions)	October 1- December 31, 2011, Value (% of total)	October 1- December 31, 2011, Average (\$)	2012, Number (billions)	2012, Number (% of total)	2012, Value (\$ billions)	2012, Value (% of total)	2012, Average (\$)
All transactions ¹	34.53		1,345.95		38.98	12.13		475.02		39.15	50.34		1,962.81		38.99
All transactions, covered issuers ^{1,2}	23.48	68.0%	916.56	68.1%	39.03	7.88	64.9%	310.64	65.4%	39.44	33.17	65.9%	1,298.56	66.2%	39.15
All transactions, exempt issuers ¹	11.05	32.0%	429.38	31.9%	38.87	4.26	35.1%	164.38	34.6%	38.61	17.17	34.1%	664.25	33.8%	38.68
All transactions, dual-message networks ¹	21.99		824.45		37.49	7.60		282.68		37.21	32.25		1,209.10		37.49
All transactions, dual-message networks, covered issuers ^{1,2}	15.84	72.0%	602.57	73.1%	38.03	5.13	67.6%	195.13	69.0%	38.00	21.23	65.8%	810.10	67.0%	38.16
All transactions, dual-message networks, exempt issuers ¹	6.15	28.0%	221.87	26.9%	36.09	2.46	32.4%	87.55	31.0%	35.57	11.02	34.2%	398.99	33.0%	36.22
All transactions, single-message networks ¹	12.54		521.50		41.59	4.54		192.34		42.39	18.09		753.71		41.65
All transactions, single-message networks, covered issuers ^{1,2}	7.64	60.9%	313.99	60.2%	41.10	2.74	60.4%	115.51	60.1%	42.13	11.94	66.0%	488.45	64.8%	40.92
All transactions, single-message networks, exempt issuers ¹	4.90	39.1%	207.51	39.8%	42.35	1.80	39.6%	76.83	39.9%	42.78	6.16	34.0%	265.25	35.2%	43.08
Prepaid card transactions	1.76		61.32		34.89	0.67		22.3		33.19	2.86		97.02		33.97
Prepaid card transactions, covered transactions						0.09	12.9%	2.4	10.9%	28.12	0.30	10.5%	8.44	8.7%	28.14
Prepaid card transactions, exempt transactions ³						0.58	87.1%	19.8	89.1%	33.95	2.50	87.4%	86.66	89.3%	34.73
Prepaid card transactions, dual-message networks ¹	1.17		39.05		33.46	0.42		13.2		31.60	1.88		62.15		33.14
Prepaid card transactions, dual-message networks, covered transactions ¹						0.07	16.8%	1.8	14.0%	26.28	0.24	12.8%	6.30	10.1%	26.23
Prepaid card transactions, dual-message networks, exempt transactions ^{1,3}						0.35	83.2%	11.3	86.0%	32.68	1.64	87.2%	55.85	89.9%	34.16
Prepaid card transations, single-message networks ¹	0.59		22.26		37.73	0.25		9.1		35.81	0.98		34.87		35.57
Prepaid card transations, single-message networks, covered transactions ¹						0.02	6.5%	0.6	6.5%	35.96	0.06	6.1%	2.14	6.1%	35.83
Prepaid card transactions, single-message networks, exempt transactions ^{1,3}						0.24	93.5%	8.5	93.5%	35.80	0.86	87.8%	30.81	88.4%	35.82

¹ Prepaid card transactions reported are a subset of all debit card transactions.

² Transaction totals for covered issuers may include prepaid card transactions exempt from the interchange fee standard. All non-prepaid debit card transactions are subject to the interchange fee standard for covered issuers.

³ Prepaid card transactions may be counted as exempt either because the issuing institution is exempt or because the prepaid card transaction itself is exempt.

Table 3: Covered and exempt debit card transactions - Original format

	2013, Number (billions)	2013, Number (% of total)	2013, Value (\$ billions)	2013, Value (% of total)	2013, Average (\$)	2014, Number (billions)	2014, Number (% of total)	2014, Value (\$ billions)	2014, Value (% of total)	2014, Average (\$)	2015, Number (billions)	2015, Number (% of total)	2015, Value (\$ billions)	2015, Value (% of total)	2015, Average (\$)
All transactions¹	53.65		2,065.58		38.50	56.71		2190.68		38.63	60.59		2,314.85		38.20
All transactions, covered issuers ^{1,2}	35.13	65.5%	1,360.62	65.9%	38.73	36.75	64.8%	1435.97	65.5%	39.07	39.36	65.0%	1,519.21	65.6%	38.60
All transactions, exempt issuers ¹	18.52	34.5%	704.96	34.1%	38.06	19.96	35.2%	754.71	34.5%	37.82	21.23	35.0%	795.64	34.4%	37.47
<i>All transactions, dual-message networks¹</i>	<i>35.08</i>		<i>1,316.03</i>		<i>37.52</i>	<i>37.20</i>		<i>1409.01</i>		<i>37.88</i>	<i>39.71</i>		<i>1,495.47</i>		<i>37.66</i>
All transactions, dual-message networks, covered issuers ^{1,2}	22.61	64.4%	861.19	65.4%	38.10	23.66	63.6%	911.13	64.7%	38.51	25.38	63.9%	971.30	64.9%	38.27
All transactions, dual-message networks, exempt issuers ¹	12.47	35.6%	454.84	34.6%	36.46	13.53	36.4%	497.88	35.3%	36.79	14.33	36.1%	524.17	35.1%	36.58
<i>All transactions, single-message networks¹</i>	<i>18.57</i>		<i>749.55</i>		<i>40.36</i>	<i>19.51</i>		<i>781.67</i>		<i>40.06</i>	<i>20.88</i>		<i>819.38</i>		<i>39.25</i>
All transactions, single-message networks, covered issuers ^{1,2}	12.52	67.4%	499.43	66.6%	39.88	13.09	67.1%	524.84	67.1%	40.10	13.97	66.9%	547.91	66.9%	39.21
All transactions, single-message networks, exempt issuers ¹	6.05	32.6%	250.12	33.4%	41.35	6.42	32.9%	256.83	32.9%	39.98	6.90	33.1%	271.47	33.1%	39.32
Prepaid card transactions	3.04		99.71		32.85	3.23		109.1		33.75	3.67		126.60		34.53
Prepaid card transactions, covered transactions	0.28	9.3%	7.09	7.1%	25.11	0.28	8.6%	6.7	6.2%	24.30	0.27	7.4%	6.37	5.0%	23.57
Prepaid card transactions, exempt transactions ³	2.75	90.7%	92.62	92.9%	33.64	2.96	91.4%	102.4	93.8%	34.63	3.40	92.6%	120.23	95.0%	35.41
<i>Prepaid card transactions, dual-message networks¹</i>	<i>2.13</i>		<i>69.02</i>		<i>32.33</i>	<i>2.33</i>		<i>77.7</i>		<i>33.29</i>	<i>2.52</i>		<i>85.46</i>		<i>33.92</i>
Prepaid card transactions, dual-message networks, covered transactions ¹	0.24	11.1%	5.91	8.6%	24.82	0.24	10.2%	5.7	7.3%	23.93	0.23	9.1%	5.33	6.2%	23.34
Prepaid card transactions, dual-message networks, exempt transactions ^{1,3}	1.90	88.9%	63.11	91.4%	33.28	2.10	89.8%	72.0	92.7%	34.35	2.29	90.9%	80.13	93.8%	34.97
<i>Prepaid card transations, single-message networks¹</i>	<i>0.90</i>		<i>30.69</i>		<i>34.06</i>	<i>0.90</i>		<i>31.4</i>		<i>34.95</i>	<i>1.15</i>		<i>41.13</i>		<i>35.89</i>
Prepaid card transations, single-message networks, covered transactions ¹	0.04	4.9%	1.18	3.8%	26.68	0.04	4.4%	1.0	3.3%	26.54	0.04	3.6%	1.04	2.5%	24.85
Prepaid card transactions, single-message networks, exempt transactions ^{1,3}	0.86	95.1%	29.51	96.2%	34.44	0.86	95.6%	30.4	96.7%	35.34	1.10	96.4%	40.10	97.5%	36.30

¹ Prepaid card transactions reported are a subset of all debit card transactions.

² Transaction totals for covered issuers may include prepaid card transactions exempt from the interchange fee standard. All non-prepaid debit card transactions are subject to the interchange fee standard for covered issuers.

³ Prepaid card transactions may be counted as exempt either because the issuing institution is exempt or because the prepaid card transaction itself is exempt.

Table 3: Covered and exempt debit card transactions - Current format

	2013, Number (billions)	2013, Number (% of total)	2013, Value (\$ billions)	2013, Value (% of total)	2013, Average (\$)	2014, Number (billions)	2014, Number (% of total)	2014, Value (\$ billions)	2014, Value (% of total)	2014, Average (\$)	2015, Number (billions)	2015, Number (% of total)	2015, Value (\$ billions)	2015, Value (% of total)	2015, Average (\$)
All transactions¹	53.65		2,065.58		38.50	56.71		2,190.68		38.63	60.59		2,314.85		38.20
All transactions, covered transactions ¹	33.76	62.9%	1,316.48	63.7%	38.99	35.55	62.7%	1,395.72	63.7%	39.26	38.05	62.8%	1,473.55	63.7%	38.73
All transactions, non-prepaid ¹	33.48	99.2%	1,309.39	99.5%	39.11	35.28	99.2%	1,389.00	99.5%	39.38	37.78	99.3%	1,467.19	99.6%	38.84
All transactions, prepaid ¹	0.28	0.8%	7.09	0.5%	25.11	0.28	0.8%	6.72	0.5%	24.30	0.27	0.7%	6.37	0.4%	23.57
All transactions, exempt transactions ¹	19.89	37.1%	749.10	36.3%	37.66	21.16	37.3%	794.96	36.3%	37.58	22.54	37.2%	841.30	36.3%	37.32
All transactions, exempt transactions, non-prepaid ¹	17.14	86.2%	656.48	87.6%	38.30	18.20	86.0%	692.55	87.1%	38.06	19.15	84.9%	721.07	85.7%	37.66
All transactions, exempt transactions, prepaid ¹	2.75	13.8%	92.62	12.4%	33.64	2.96	14.0%	102.41	12.9%	34.63	3.40	15.1%	120.23	14.3%	35.41
All transactions, exempt transactions, prepaid, covered issuer ¹	1.37	49.7%	44.15	47.7%	32.24	1.20	40.5%	40.25	39.3%	33.61	1.31	38.5%	45.66	38.0%	34.91
All transactions, exempt transactions, prepaid, exempt issuer ¹	1.38	50.3%	48.48	52.3%	35.03	1.76	59.5%	62.16	60.7%	35.33	2.09	61.5%	74.57	62.0%	35.72
<i>Dual-message networks</i>	<i>35.08</i>		<i>1,316.03</i>		<i>37.52</i>	<i>37.20</i>		<i>1,409.01</i>		<i>37.88</i>	<i>39.71</i>		<i>1,495.47</i>		<i>37.66</i>
Dual-message networks, covered transactions	21.65	61.7%	830.55	63.1%	38.37	22.84	61.4%	883.61	62.7%	38.69	24.53	61.8%	941.47	63.0%	38.38
Dual-message networks, covered transactions, non-prepaid	21.41	98.9%	824.64	99.3%	38.52	22.60	99.0%	877.93	99.4%	38.85	24.30	99.1%	936.14	99.4%	38.52
Dual-message networks, covered transactions, prepaid	0.24	1.1%	5.91	0.7%	24.82	0.24	1.0%	5.68	0.6%	23.93	0.23	0.9%	5.33	0.6%	23.34
Dual-message networks, exempt transactions	13.43	38.3%	485.48	36.9%	36.14	14.36	38.6%	525.40	37.3%	36.59	15.18	38.2%	554.00	37.0%	36.49
Dual-message networks, exempt transactions, non-prepaid	11.53	85.9%	422.36	87.0%	36.62	12.26	85.4%	453.38	86.3%	36.97	12.89	84.9%	473.87	85.5%	36.76
Dual-message networks, exempt transactions, prepaid	1.90	14.1%	63.11	13.0%	33.28	2.10	14.6%	72.02	13.7%	34.35	2.29	15.1%	80.13	14.5%	34.97
Dual-message networks, exempt transactions, prepaid, covered issuer	0.96	50.5%	30.64	48.5%	31.98	0.83	39.4%	27.51	38.2%	33.32	0.85	37.2%	29.83	37.2%	34.96
Dual-message networks, exempt transactions, prepaid, exempt issuer	0.94	49.5%	32.47	51.5%	34.60	1.27	60.6%	44.51	61.8%	35.01	1.44	62.8%	50.30	62.8%	34.98
<i>Single-message networks</i>	<i>18.57</i>		<i>749.55</i>		<i>40.36</i>	<i>19.51</i>		<i>781.67</i>		<i>40.06</i>	<i>20.88</i>		<i>819.38</i>		<i>39.25</i>
Single-message networks, covered transactions	12.11	65.2%	485.92	64.8%	40.12	12.72	65.2%	512.11	65.5%	40.27	13.52	64.8%	532.08	64.9%	39.36
Single-message networks, covered transactions, non-prepaid	12.07	99.6%	484.75	99.8%	40.16	12.68	99.7%	511.07	99.8%	40.31	13.48	99.7%	531.05	99.8%	39.40
Single-message networks, covered transactions, prepaid	0.04	0.4%	1.18	0.2%	26.68	0.04	0.3%	1.04	0.2%	26.54	0.04	0.3%	1.04	0.2%	24.85
Single-message networks, exempt transactions	6.46	34.8%	263.63	35.2%	40.81	6.80	34.8%	269.57	34.5%	39.67	7.36	35.2%	287.29	35.1%	39.04
Single-message networks, exempt transactions, non-prepaid	5.60	86.7%	234.12	88.8%	41.78	5.94	87.3%	239.18	88.7%	40.30	6.25	85.0%	247.20	86.0%	39.53
Single-message networks, exempt transactions, prepaid	0.86	13.3%	29.51	11.2%	34.44	0.86	12.7%	30.39	11.3%	35.34	1.10	15.0%	40.10	14.0%	36.30
Single-message networks, exempt transactions, prepaid, covered issuer	0.41	48.0%	13.51	45.8%	32.83	0.37	43.2%	12.74	41.9%	34.26	0.45	41.2%	15.83	39.5%	34.81
Single-message networks, exempt transactions, prepaid, exempt issuer	0.45	52.0%	16.00	54.2%	35.93	0.49	56.8%	17.65	58.1%	36.16	0.65	58.8%	24.27	60.5%	37.35

¹ Prepaid card transactions reported are a subset of all debit card transactions.

Table 4: Interchange fee revenue

	2009, Interchange fee revenue (\$ billions)	2009, Interchange fee revenue (% of total)	2009, Fee per transaction (\$) ¹	2009, Fee as % of transaction value ¹	2001, Interchange fee revenue (\$ billions)	2001, Interchange fee revenue (% of total)	2011, Fee per transaction (\$) ¹	2011, Fee as % of transaction value ¹	2012, Interchange fee revenue (\$ billions)	2012, Interchange fee revenue (% of total)	2012, Fee per transaction (\$) ¹	2012, Fee as % of transaction value ¹
All transactions	16.20		0.43	1.13%	20.40		0.44	1.12%	15.46		0.31	0.79%
All transactions, non-prepaid debit card	15.73	97%	0.43	1.13%	19.36	95%	0.44	1.11%	14.26	92%	0.30	0.76%
All transactions, prepaid card												
	0.48	3%	0.40	1.27%	1.04	5%	0.43	1.25%	1.20	8%	0.42	1.23%
<i>Dual-message networks</i>	12.89	80%	0.55	1.49%	15.02	74%	0.51	1.36%	10.78	70%	0.33	0.89%
Dual-message networks, non-prepaid debit card	12.48		0.55	1.49%	14.24		0.51	1.35%	9.88		0.33	0.86%
Dual-message networks, prepaid card ²												
	0.41		0.43	1.40%	0.78		0.49	1.50%	0.90		0.48	1.45%
<i>Single-message networks</i>	3.31	20%	0.23	0.58%	5.38	26%	0.31	0.75%	4.68	30%	0.26	0.62%
Single-message networks, non-prepaid debit card	3.24		0.23	0.58%	5.12		0.32	0.75%	4.38		0.26	0.61%
Single-message networks, prepaid card ²												
	0.07		0.28	0.84%	0.26		0.31	0.83%	0.30		0.30	0.85%

¹ Interchange fee revenue is divided by the number or value of purchase transactions. In the 2009 data report, interchange fee revenue was divided by the number or value of purchase transactions net of returns.

² The distribution of interchange fee revenue from prepaid card transactions between dual-message and single-message networks in 2009 is estimated based on 2011 proportions.

Table 4: Interchange fee revenue

	2013, Interchange fee revenue (\$ billions)	2013, Interchange fee revenue (% of total)	2013, Fee per transaction (\$) ¹	2013, Fee as % of transaction value ¹	2014, Interchange fee revenue (\$ billions)	2014, Interchange fee revenue (% of total)	2014, Fee per transaction (\$) ¹	2014, Fee as % of transaction value ¹	2015, Interchange fee revenue (\$ billions)	2015, Interchange fee revenue (% of total)	2015, Fee per transaction (\$) ¹	2015, Fee as % of transaction value ¹
All transactions	16.33		0.30	0.79%	17.33		0.31	0.79%	18.41		0.30	0.80%
All transactions, non-prepaid debit card	15.04	92%	0.30	0.77%	15.89	92%	0.30	0.76%	16.78	91%	0.29	0.77%
All transactions, prepaid card												
	1.29	8%	0.43	1.30%	1.44	8%	0.45	1.32%	1.63	9%	0.44	1.29%
<i>Dual-message networks</i>	11.69	72%	0.33	0.89%	12.51	72%	0.34	0.89%	13.33	72%	0.34	0.89%
Dual-message networks, non-prepaid debit card	10.67	91%	0.32	0.86%	11.34	91%	0.33	0.85%	12.03	90%	0.32	0.85%
Dual-message networks, prepaid card ²												
	1.03	9%	0.48	1.49%	1.17	9%	0.50	1.51%	1.30	10%	0.52	1.53%
<i>Single-message networks</i>	4.64	28%	0.25	0.62%	4.82	28%	0.25	0.62%	5.07	28%	0.24	0.62%
Single-message networks, non-prepaid debit card	4.37	94%	0.25	0.61%	4.55	94.43%	0.24	0.61%	4.75	94%	0.24	0.61%
Single-message networks, prepaid card ²												
	0.27	6%	0.30	0.87%	0.27	6%	0.30	0.85%	0.32	6%	0.28	0.79%

¹ Interchange fee revenue is divided by the number or value of purchase transactions. In the 2009 data report, interchange fee revenue was divided by the number or value of purchase transactions net of returns.

² The distribution of interchange fee revenue from prepaid card transactions between dual-message and single-message networks in 2009 is estimated based on 2011 proportions.

Table 5: Interchange fee revenue from covered and exempt debit card transactions - Original format

	January 1- September 30, 2011, Interchange fee revenue (\$ billions)	January 1- September 30, 2011, Interchange fee revenue (% of total)	January 1- September 30, 2011, Fee per transaction (\$) ¹	January 1- September 30, 2011, Fee as % of transaction value ¹	October 1- December 31, 2011, Interchange fee revenue (\$ billions)	October 1- December 31, 2011, Interchange fee revenue (% of total)	October 1- December 31, 2011, Fee per transaction (\$) ¹	October 1- December 31, 2011, Fee as % of transaction value ¹	2012, Interchange fee revenue (\$ billions)	2012, Interchange fee revenue (% of total)	2012, Fee per transaction (\$) ¹	2012, Fee as % of transaction value ¹
All transactions²	16.71		0.48	1.24%	3.69		0.30	0.78%	15.46		0.31	0.79%
All transactions, covered issuers ³	11.89	71%	0.51	1.30%	1.88	51%	0.24	0.60%	8.04	52%	0.24	0.62%
All transactions, exempt issuers	4.82	29%	0.44	1.12%	1.81	49%	0.43	1.10%	7.42	48%	0.43	1.12%
<i>All transactions, dual-message networks²</i>	<i>12.52</i>		<i>0.57</i>	<i>1.52%</i>	<i>2.50</i>		<i>0.33</i>	<i>0.88%</i>	<i>10.78</i>		<i>0.33</i>	<i>0.89%</i>
All transactions, dual-message networks, covered issuers ³	9.26	74%	0.58	1.54%	1.24	50%	0.24	0.64%	5.20	48%	0.25	0.64%
All transactions, dual-message networks, exempt issuers	3.27	26%	0.53	1.47%	1.26	50%	0.51	1.44%	5.58	52%	0.51	1.40%
<i>All transactions, single-message networks²</i>	<i>4.19</i>		<i>0.33</i>	<i>0.80%</i>	<i>1.19</i>		<i>0.26</i>	<i>0.62%</i>	<i>4.68</i>		<i>0.26</i>	<i>0.62%</i>
All transactions, single-message networks, covered issuers ³	2.63	63%	0.34	0.84%	0.64	54%	0.23	0.55%	2.84	61%	0.24	0.58%
All transactions, single-message networks, exempt issuers	1.56	37%	0.32	0.75%	0.55	46%	0.31	0.72%	1.84	39%	0.30	0.69%
Prepaid card transactions	0.78		0.44	1.26%	0.27		0.40	1.20%	1.20		0.42	1.23%
Prepaid card transactions, covered transactions					0.02	7%	0.23	0.81%	0.07	6%	0.24	0.84%
Prepaid card transactions, exempt transactions ⁴					0.25	93%	0.43	1.10%	1.13	94%	0.43	1.12%
<i>Prepaid card transactions, dual-message networks</i>	<i>0.59</i>		<i>0.51</i>	<i>1.52%</i>	<i>0.19</i>		<i>0.46</i>	<i>1.44%</i>	<i>0.90</i>		<i>0.48</i>	<i>1.45%</i>
Prepaid card transactions, dual-message networks, covered transactions					0.02	8%	0.22	0.84%	0.05	6%	0.22	0.84%
Prepaid card transactions, dual-message networks, exempt transactions ⁴					0.17	92%	0.50	1.54%	0.85	94%	0.52	1.52%
<i>Prepaid card transactions, single-message networks</i>	<i>0.18</i>		<i>0.31</i>	<i>0.82%</i>	<i>0.08</i>		<i>0.30</i>	<i>0.84%</i>	<i>0.30</i>		<i>0.30</i>	<i>0.85%</i>
Prepaid card transactions, single-message networks, covered transactions					0.00	6%	0.26	0.72%	0.02	6%	0.29	0.82%
Prepaid card transactions, single-message networks, exempt transactions ⁴					0.07	94%	0.30	0.85%	0.28	94%	0.32	0.90%

¹ Interchange fee revenue is divided by the number or value of purchase transactions. In the 2009 data report, interchange fee revenue was divided by the number or value of purchase transactions net of returns.

² Prepaid card transactions reported are a subset of all debit card transactions.

³ Revenue totals for covered issuers may include prepaid card transactions exempt from the interchange fee standard. All non-prepaid debit card transactions are subject to the interchange fee standard for covered issuers.

⁴ Prepaid card transactions may be counted as exempt either because the issuing institution is exempt or because the prepaid card transaction itself is exempt.

Table 5: Interchange fee revenue from covered and exempt debit card transactions - Original format

	2013, Interchange fee revenue (\$ billions)	2013, Interchange fee revenue (% of total)	2013, Fee per transaction (\$) ¹	2013, Fee as % of transaction value ¹	2014, Interchange fee revenue (\$ billions)	2014, Interchange fee revenue (% of total)	2014, Fee per transaction (\$) ¹	2014, Fee as % of transaction value ¹	2015, Interchange fee revenue (\$ billions)	2015, Interchange fee revenue (% of total)	2015, Fee per transaction (\$) ¹	2015, Fee as % of transaction value ¹
All transactions²	16.33		0.30	0.79%	17.33		0.31	0.79%	18.41		0.30	0.80%
All transactions, covered issuers ³	8.47	52%	0.24	0.62%	8.84	51%	0.24	0.62%	9.41	51%	0.24	0.62%
All transactions, exempt issuers	7.86	48%	0.42	1.12%	8.49	49%	0.43	1.13%	9.00	49%	0.42	1.13%
<i>All transactions, dual-message networks²</i>	<i>11.69</i>		<i>0.33</i>	<i>0.89%</i>	<i>12.51</i>		<i>0.34</i>	<i>0.89%</i>	<i>13.33</i>		<i>0.34</i>	<i>0.89%</i>
All transactions, dual-message networks, covered issuers ³	5.49	47%	0.24	0.64%	5.72	46%	0.24	0.63%	6.10	46%	0.24	0.63%
All transactions, dual-message networks, exempt issuers	6.20	53%	0.50	1.36%	6.80	54%	0.50	1.37%	7.24	54%	0.51	1.38%
<i>All transactions, single-message networks²</i>	<i>4.64</i>		<i>0.25</i>	<i>0.62%</i>	<i>4.82</i>		<i>0.25</i>	<i>0.62%</i>	<i>5.07</i>		<i>0.24</i>	<i>0.62%</i>
All transactions, single-message networks, covered issuers ³	2.98	64%	0.24	0.60%	3.12	65%	0.24	0.59%	3.31	65%	0.24	0.60%
All transactions, single-message networks, exempt issuers	1.66	36%	0.28	0.67%	1.70	35%	0.26	0.66%	1.76	35%	0.26	0.65%
Prepaid card transactions	1.29		0.43	1.30%	1.44		0.45	1.32%	1.63		0.44	1.29%
Prepaid card transactions, covered transactions	0.06	5%	0.22	0.88%	0.06	4%	0.22	0.91%	0.06	4%	0.22	0.93%
Prepaid card transactions, exempt transactions ⁴	1.23	95%	0.45	1.33%	1.38	96%	0.47	1.35%	1.57	96%	0.46	1.30%
<i>Prepaid card transactions, dual-message networks</i>	<i>1.03</i>		<i>0.48</i>	<i>1.49%</i>	<i>1.17</i>		<i>0.50</i>	<i>1.51%</i>	<i>1.30</i>		<i>0.52</i>	<i>1.53%</i>
Prepaid card transactions, dual-message networks, covered transactions	0.05	5%	0.22	0.88%	0.05	4%	0.22	0.92%	0.05	4%	0.22	0.93%
Prepaid card transactions, dual-message networks, exempt transactions ⁴	0.97	95%	0.51	1.54%	1.12	96%	0.53	1.56%	1.26	96%	0.55	1.57%
<i>Prepaid card transactions, single-message networks</i>	<i>0.27</i>		<i>0.30</i>	<i>0.87%</i>	<i>0.27</i>		<i>0.30</i>	<i>0.85%</i>	<i>0.32</i>		<i>0.28</i>	<i>0.79%</i>
Prepaid card transactions, single-message networks, covered transactions	0.01	4%	0.24	0.89%	0.01	3%	0.24	0.89%	0.01	3%	0.23	0.93%
Prepaid card transactions, single-message networks, exempt transactions ⁴	0.26	96%	0.30	0.87%	0.26	97%	0.30	0.85%	0.31	97%	0.28	0.78%

¹ Interchange fee revenue is divided by the number or value of purchase transactions. In the 2009 data report, interchange fee revenue was divided by the number or value of purchase transactions net of returns.

² Prepaid card transactions reported are a subset of all debit card transactions.

³ Revenue totals for covered issuers may include prepaid card transactions exempt from the interchange fee standard. All non-prepaid debit card transactions are subject to the interchange fee standard for covered issuers.

⁴ Prepaid card transactions may be counted as exempt either because the issuing institution is exempt or because the prepaid card transaction itself is exempt.

Table 5: Interchange fee revenue from covered and exempt debit card transactions - Current format

	2013, Interchange fee revenue (\$ billions)	2013, Interchange fee revenue (% of total)	2013, Fee per transaction (\$) ¹	2013, Fee as % of transaction value ¹	2014, Interchange fee revenue (\$ billions)	2014, Interchange fee revenue (% of total)	2014, Fee per transaction (\$) ¹	2014, Fee as % of transaction value ¹	2015, Interchange fee revenue (\$ billions)	2015, Interchange fee revenue (% of total)	2015, Fee per transaction (\$) ¹	2015, Fee as % of transaction value ¹
All transactions	16.33		0.30	0.79%	17.33		0.31	0.79%	18.41		0.30	0.80%
<i>All transactions, covered transactions</i>	7.87	48%	0.23	0.60%	8.30	48%	0.23	0.59%	8.82	48%	0.23	0.60%
All transactions, covered transactions, non-prepaid	7.81	99%	0.23	0.60%	8.24	99%	0.23	0.59%	8.76	99%	0.23	0.60%
All transactions, covered transactions, prepaid	0.06	1%	0.22	0.88%	0.06	1%	0.22	0.91%	0.06	1%	0.22	0.93%
<i>All transactions, exempt transactions</i>	8.46	52%	0.43	1.13%	9.03	52%	0.43	1.14%	9.59	52%	0.43	1.14%
All transactions, exempt transactions, non-prepaid	7.23	85%	0.42	1.10%	7.65	85%	0.42	1.10%	8.02	84%	0.42	1.11%
All transactions, exempt transactions, prepaid	1.23	15%	0.45	1.33%	1.38	15%	0.47	1.35%	1.57	16%	0.46	1.30%
All transactions, exempt transactions, prepaid, covered issuer	0.60	49%	0.44	1.36%	0.54	39%	0.45	1.34%	0.59	38%	0.45	1.29%
All transactions, exempt transactions, prepaid, exempt issuer	0.63	51%	0.45	1.30%	0.84	61%	0.48	1.36%	0.98	62%	0.47	1.31%
<i>Dual-message networks</i>	11.69		0.33	0.89%	12.51		0.34	0.89%	13.33		0.34	0.89%
Dual-message networks, covered transactions	5.01	43%	0.23	0.60%	5.28	42%	0.23	0.60%	5.62	42%	0.23	0.60%
Dual-message networks, covered transactions, non-prepaid	4.96	99%	0.23	0.60%	5.23	99%	0.23	0.60%	5.57	99%	0.23	0.60%
Dual-message networks, covered transactions, prepaid	0.05	1%	0.22	0.88%	0.05	1%	0.22	0.92%	0.05	1%	0.22	0.93%
Dual-message networks, exempt transactions	6.68	57%	0.50	1.38%	7.23	58%	0.50	1.38%	7.71	58%	0.51	1.39%
Dual-message networks, exempt transactions, non-prepaid	5.71	85%	0.49	1.35%	6.11	84%	0.50	1.35%	6.46	84%	0.50	1.36%
Dual-message networks, exempt transactions, prepaid	0.97	15%	0.51	1.54%	1.12	16%	0.53	1.56%	1.26	16%	0.55	1.57%
Dual-message networks, exempt transactions, prepaid, covered issuer	0.48	49%	0.50	1.57%	0.44	39%	0.53	1.58%	0.47	38%	0.55	1.59%
Dual-message networks, exempt transactions, prepaid, exempt issuer	0.49	51%	0.53	1.52%	0.69	61%	0.54	1.54%	0.78	62%	0.54	1.55%
<i>Single-message networks</i>	4.64		0.25	0.62%	4.82		0.25	0.62%	5.07		0.24	0.62%
Single-message networks, covered transactions	2.86	62%	0.24	0.59%	3.02	63%	0.24	0.59%	3.19	63%	0.24	0.60%
Single-message networks, covered transactions, non-prepaid	2.85	100%	0.24	0.59%	3.01	100%	0.24	0.59%	3.19	100%	0.24	0.60%
Single-message networks, covered transactions, prepaid	0.01	0%	0.24	0.89%	0.01	0%	0.24	0.89%	0.01	0%	0.23	0.93%
Single-message networks, exempt transactions	1.79	38%	0.28	0.68%	1.80	37%	0.26	0.67%	1.88	37%	0.26	0.65%
Single-message networks, exempt transactions, non-prepaid	1.53	86%	0.27	0.65%	1.54	86%	0.26	0.64%	1.56	83%	0.25	0.63%
Single-message networks, exempt transactions, prepaid	0.26	14%	0.30	0.87%	0.26	14%	0.30	0.85%	0.31	17%	0.28	0.78%
Single-message networks, exempt transactions, prepaid, covered issuer	0.12	47%	0.29	0.90%	0.10	40%	0.28	0.81%	0.12	37%	0.26	0.74%
Single-message networks, exempt transactions, prepaid, exempt issuer	0.14	53%	0.31	0.85%	0.16	60%	0.32	0.88%	0.20	63%	0.30	0.81%

¹ Interchange fee revenue is divided by the number or value of purchase transactions.

Table 6: Payments and incentives paid by networks

	2009, Payments and incentives (\$ billions)	2009, Payments and incentives (% of total)	2009, Payment per transaction (\$) ¹	2009, Payment as % of transaction value ¹	2011, Payments and incentives (\$ billions)	2011, Payments and incentives (% of total)	2011, Payment per transaction (\$) ¹	2011, Payment as % of transaction value ¹	2012, Payments and incentives (\$ billions)	2012, Payments and incentives (% of total)	2012, Payment per transaction (\$) ¹	2012, Payment as % of transaction value ¹
All recipients	1.04		0.028	0.07%	1.24		0.027	0.07%	1.23		0.024	0.06%
Paid to merchants/acquirers	0.34	33%	0.009	0.02%	0.32	25%	0.007	0.02%	0.39	31%	0.008	0.02%
Paid to issuers	0.70	67%	0.019	0.05%	0.92	75%	0.020	0.05%	0.84	69%	0.017	0.04%
<i>Dual-message networks, all recipients²</i>	<i>0.87</i>	<i>84%</i>	<i>0.037</i>	<i>0.10%</i>	<i>1.06</i>	<i>86%</i>	<i>0.036</i>	<i>0.10%</i>	<i>0.99</i>	<i>80%</i>	<i>0.031</i>	<i>0.08%</i>
Dual-message networks, paid to merchants/acquirers	0.27	31%	0.012	0.03%	0.24	23%	0.008	0.02%	0.22	22%	0.007	0.02%
Dual-message networks, paid to issuers	0.60	69%	0.025	0.07%	0.82	77%	0.028	0.07%	0.77	78%	0.024	0.06%
<i>Single-message networks, all recipients²</i>	<i>0.17</i>	<i>16%</i>	<i>0.012</i>	<i>0.03%</i>	<i>0.18</i>	<i>14%</i>	<i>0.010</i>	<i>0.02%</i>	<i>0.24</i>	<i>20%</i>	<i>0.013</i>	<i>0.03%</i>
Single-message networks, paid to merchants/acquirers	0.07	41%	0.005	0.01%	0.08	43%	0.004	0.01%	0.17	71%	0.009	0.02%
Single-message networks, paid to issuers	0.10	59%	0.007	0.02%	0.10	57%	0.006	0.01%	0.07	29%	0.004	0.01%

¹ Payments and incentives are divided by the number or value of purchase transactions. In the 2009 data report, payments and incentives were divided by the number or value of purchase transactions plus returns.

² The distribution of payments and incentives paid on prepaid card transactions between dual-message and single-message networks in 2009 is estimated based on 2011 proportions.

Table 6: Payments and incentives paid by networks

	2013, Payments and incentives (\$ billions)	2013, Payments and incentives (% of total)	2013, Payment per transaction (\$) ¹	2013, Payment as % of transaction value ¹	2014, Payments and incentives (\$ billions)	2014, Payments and incentives (% of total)	2014, Payment per transaction (\$) ¹	2014, Payment as % of transaction value ¹	2015, Payments and incentives (\$ billions)	2015, Payments and incentives (% of total)	2015, Payment per transaction (\$) ¹	2015, Payment as % of transaction value ¹
All recipients	1.25		0.023	0.06%	1.27		0.022	0.06%	1.37		0.023	0.06%
Paid to merchants/acquirers	0.45	36%	0.008	0.02%	0.40	31%	0.007	0.02%	0.46	33%	0.008	0.02%
Paid to issuers	0.81	64%	0.015	0.04%	0.88	69%	0.015	0.04%	0.92	67%	0.015	0.04%
<i>Dual-message networks, all recipients²</i>	<i>1.02</i>	<i>81%</i>	<i>0.029</i>	<i>0.08%</i>	<i>1.08</i>	<i>85%</i>	<i>0.029</i>	<i>0.08%</i>	<i>1.15</i>	<i>84%</i>	<i>0.029</i>	<i>0.08%</i>
Dual-message networks, paid to merchants/acquirers	0.29	28%	0.008	0.02%	0.27	25%	0.007	0.02%	0.31	27%	0.008	0.02%
Dual-message networks, paid to issuers	0.73	72%	0.021	0.06%	0.81	75%	0.022	0.06%	0.85	73%	0.021	0.06%
<i>Single-message networks, all recipients²</i>	<i>0.23</i>	<i>19%</i>	<i>0.013</i>	<i>0.03%</i>	<i>0.19</i>	<i>15%</i>	<i>0.010</i>	<i>0.02%</i>	<i>0.22</i>	<i>16%</i>	<i>0.011</i>	<i>0.03%</i>
Single-message networks, paid to merchants/acquirers	0.16	69%	0.009	0.02%	0.13	66%	0.007	0.02%	0.15	68%	0.007	0.02%
Single-message networks, paid to issuers	0.07	31%	0.004	0.01%	0.07	34%	0.003	0.01%	0.07	32%	0.003	0.01%

¹ Payments and incentives are divided by the number or value of purchase transactions. In the 2009 data report, payments and incentives were divided by the number or value of purchase transactions plus returns.

² The distribution of payments and incentives paid on prepaid card transactions between dual-message and single-message networks in 2009 is estimated based on 2011 proportions.

Table 7: Payments and incentives paid to issuers by networks

	<i>January 1- September 30, 2011, Payments and incentives (\$ billions)</i>	<i>January 1- September 30, 2011, Payments and incentives (% of total)</i>	<i>January 1- September 30, 2011, Payment per transaction (\$)¹</i>	<i>January 1- September 30, 2011, Payment as % of transaction value¹</i>	<i>October 1- December 31, 2011, Payments and incentives (\$ billions)</i>	<i>October 1- December 31, 2011, Payments and incentives (% of total)</i>	<i>October 1- December 31, 2011, Payment per transaction (\$)¹</i>	<i>October 1- December 31, 2011, Payment as % of transaction value¹</i>	<i>2012, Payments and incentives (\$ billions)</i>	<i>2012, Payments and incentives (% of total)</i>	<i>2012, Payment per transaction (\$)¹</i>	<i>2012, Payment as % of transaction value¹</i>
All issuers	0.75		0.022	0.06%	0.17		0.014	0.04%	0.84		0.017	0.04%
Covered issuers	0.63	83%	0.027	0.07%	0.12	70%	0.015	0.04%	0.60	71%	0.018	0.05%
Exempt issuers	0.13	17%	0.011	0.03%	0.05	30%	0.012	0.03%	0.25	29%	0.014	0.04%
<i>Dual-message networks</i>	<i>0.67</i>	<i>89%</i>	<i>0.030</i>	<i>0.08%</i>	<i>0.16</i>	<i>92%</i>	<i>0.021</i>	<i>0.06%</i>	<i>0.77</i>	<i>92%</i>	<i>0.024</i>	<i>0.06%</i>
Dual-message networks, Covered issuers	0.56	84%	0.035	0.09%	0.11	71%	0.022	0.06%	0.56	72%	0.026	0.07%
Dual-message networks, Exempt issuers	0.11	16%	0.018	0.05%	0.05	29%	0.018	0.05%	0.22	28%	0.020	0.05%
<i>Single-message networks</i>	<i>0.09</i>	<i>11%</i>	<i>0.007</i>	<i>0.02%</i>	<i>0.01</i>	<i>8%</i>	<i>0.003</i>	<i>0.01%</i>	<i>0.07</i>	<i>8%</i>	<i>0.004</i>	<i>0.01%</i>
Single-message networks, Covered issuers	0.07	80%	0.009	0.02%	0.01	54%	0.003	0.01%	0.04	55%	0.003	0.01%
Single-message networks, Exempt issuers	0.02	20%	0.004	0.01%	0.01	46%	0.004	0.01%	0.03	45%	0.005	0.01%

¹ Payments and incentives are divided by the number or value of purchase transactions. In the 2009 data report, payments and incentives were divided by the number or value of purchase transactions plus returns.

Table 7: Payments and incentives paid to issuers by networks

	<i>2013, Payments and incentives (\$ billions)</i>	<i>2013, Payments and incentives (% of total)</i>	<i>2013, Payment per transaction (\$)¹</i>	<i>2013, Payment as % of transaction value¹</i>	<i>2014, Payments and incentives (\$ billions)</i>	<i>2014, Payments and incentives (% of totals)</i>	<i>2014, Payment per transaction (\$)¹</i>	<i>2014, Payment as % of transaction value¹</i>	<i>2015, Payments and incentives (\$ billions)</i>	<i>2015, Payments and incentives (% of total)</i>	<i>2015, Payment per transaction (\$)¹</i>	<i>2015, Payment as % of transaction value¹</i>
All issuers	0.81		0.015	0.04%	0.88		0.015	0.04%	0.92		0.015	0.04%
Covered issuers	0.50	62%	0.014	0.04%	0.53	61%	0.014	0.04%	0.49	53%	0.012	0.03%
Exempt issuers	0.31	38%	0.017	0.04%	0.35	39%	0.017	0.05%	0.43	47%	0.020	0.05%
<i>Dual-message networks</i>	<i>0.73</i>	<i>91%</i>	<i>0.021</i>	<i>0.06%</i>	<i>0.81</i>	<i>93%</i>	<i>0.022</i>	<i>0.06%</i>	<i>0.85</i>	<i>92%</i>	<i>0.021</i>	<i>0.06%</i>
Dual-message networks, Covered issuers	0.47	64%	0.021	0.05%	0.50	62%	0.021	0.06%	0.47	55%	0.018	0.05%
Dual-message networks, Exempt issuers	0.26	36%	0.021	0.06%	0.31	38%	0.023	0.06%	0.38	45%	0.026	0.07%
<i>Single-message networks</i>	<i>0.07</i>	<i>9%</i>	<i>0.004</i>	<i>0.01%</i>	<i>0.07</i>	<i>7%</i>	<i>0.003</i>	<i>0.01%</i>	<i>0.07</i>	<i>8%</i>	<i>0.003</i>	<i>0.01%</i>
Single-message networks, Covered issuers	0.03	43%	0.002	0.01%	0.03	43%	0.002	0.01%	0.02	27%	0.001	0.00%
Single-message networks, Exempt issuers	0.04	57%	0.007	0.02%	0.04	57%	0.006	0.01%	0.05	73%	0.007	0.02%

¹ Payments and incentives are divided by the number or value of purchase transactions. In the 2009 data report, payments and incentives were divided by the number or value of purchase transactions plus returns.

Table 8: Network fees

	<i>2009, Network fee payments (\$ billions)</i>	<i>2009, Network fee payments (% of total)</i>	<i>2009, Fee per transaction (\$)¹</i>	<i>2009, Fee as % of transaction value¹</i>	<i>2011, Network fee payments (\$ billions)</i>	<i>2011, Network fee payments (% of total)</i>	<i>2011, Fee per transaction (\$)¹</i>	<i>2011, Fee as % of transaction value¹</i>	<i>2012, Network fee payments (\$ billions)</i>	<i>2012, Network fee payments (% of total)</i>	<i>2012, Fee per transaction (\$)¹</i>	<i>2012, Fee as % of transaction value¹</i>
All recipients	4.14		0.110	0.29%	4.56		0.098	0.25%	5.06		0.100	0.26%
Paid by acquirers	1.84	44%	0.049	0.13%	2.50	55%	0.054	0.14%	2.84	56%	0.056	0.14%
Paid by issuers	2.31	56%	0.061	0.16%	2.07	45%	0.044	0.11%	2.22	44%	0.04	0.11%
<i>Dual-message networks, all recipients²</i>	<i>3.25</i>	<i>78%</i>	<i>0.139</i>	<i>0.38%</i>	<i>3.57</i>	<i>78%</i>	<i>0.121</i>	<i>0.32%</i>	<i>4.03</i>	<i>80%</i>	<i>0.125</i>	<i>0.33%</i>
Dual-message networks, paid by acquirers ²	1.30	40%	0.056	0.15%	1.82	51%	0.061	0.16%	2.12	53%	0.066	0.18%
Dual-message networks, paid by issuers ²	1.95	60%	0.083	0.23%	1.75	49%	0.059	0.16%	1.91	47%	0.059	0.16%
<i>Single-message networks, all recipients²</i>	<i>0.89</i>	<i>22%</i>	<i>0.063</i>	<i>0.16%</i>	<i>1.00</i>	<i>22%</i>	<i>0.058</i>	<i>0.14%</i>	<i>1.03</i>	<i>20%</i>	<i>0.057</i>	<i>0.14%</i>
Single-message networks, paid by acquirers ²	0.53	60%	0.038	0.09%	0.68	68%	0.040	0.10%	0.72	70%	0.040	0.10%
Single-message networks, paid by issuers ²	0.36	40%	0.025	0.06%	0.32	32%	0.018	0.04%	0.31	30%	0.017	0.04%

¹ Network fees are divided by the number or value of purchase transactions. In the 2009 data report, network fees were divided by the number or value of purchase transactions plus returns.

² The distribution of network fees paid on prepaid card transactions between dual-message and single-message networks in 2009 is estimated based on 2011 proportions.

Table 8: Network fees

	<i>2013, Network fee payments (\$ billions)</i>	<i>2013, Network fee payments (% of total)</i>	<i>2013, Fee per transaction (\$)¹</i>	<i>2013, Fee as % of transaction value¹</i>	<i>2014, Network fee payments (\$ billions)</i>	<i>2014, Network fee payments (% of total)</i>	<i>2014, Fee per transaction (\$)¹</i>	<i>2014, Fee as % of transaction value¹</i>	<i>2015, Network fee payments (\$ billions)</i>	<i>2015, Network fee payments (% of total)</i>	<i>2015, Fee per transaction (\$)¹</i>	<i>2015, Fee as % of transaction value¹</i>
All recipients	5.47		0.102	0.26%	5.82		0.103	0.27%	6.16		0.102	0.27%
Paid by acquirers	3.12	57%	0.058	0.15%	3.33	57%	0.059	0.15%	3.59	58%	0.059	0.15%
Paid by issuers	2.35	43%	0.044	0.11%	2.50	43%	0.044	0.11%	2.57	42%	0.04	0.11%
<i>Dual-message networks, all recipients²</i>	<i>4.49</i>	<i>82%</i>	<i>0.128</i>	<i>0.34%</i>	<i>4.80</i>	<i>82%</i>	<i>0.129</i>	<i>0.34%</i>	<i>5.05</i>	<i>82%</i>	<i>0.127</i>	<i>0.34%</i>
Dual-message networks, paid by acquirers ²	2.45	55%	0.070	0.19%	2.62	55%	0.070	0.19%	2.82	56%	0.071	0.19%
Dual-message networks, paid by issuers ²	2.04	45%	0.058	0.16%	2.18	45%	0.059	0.15%	2.23	44%	0.056	0.15%
<i>Single-message networks, all recipients²</i>	<i>0.98</i>	<i>18%</i>	<i>0.053</i>	<i>0.13%</i>	<i>1.02</i>	<i>18%</i>	<i>0.052</i>	<i>0.13%</i>	<i>1.10</i>	<i>18%</i>	<i>0.053</i>	<i>0.13%</i>
Single-message networks, paid by acquirers ²	0.67	69%	0.036	0.09%	0.71	69%	0.036	0.09%	0.76	69%	0.037	0.09%
Single-message networks, paid by issuers ²	0.31	31%	0.017	0.04%	0.31	31%	0.016	0.04%	0.34	31%	0.016	0.04%

¹ Network fees are divided by the number or value of purchase transactions. In the 2009 data report, network fees were divided by the number or value of purchase transactions plus returns.

² The distribution of network fees paid on prepaid card transactions between dual-message and single-message networks in 2009 is estimated based on 2011 proportions.

Table 9: Network fees paid by issuers

	January 1- September 30, 2011, Network fee payments (\$ billions)	January 1- September 30, 2011, Network fee payments (% of total)	January 1- September 30, 2011, Fee per transaction (\$) ¹	January 1- September 30, 2011, Fee as % of transaction value ¹	October 1- December 31, 2011, Network fee payments (\$ billions)	October 1- December 31, 2011, Network fee payments (% of total)	October 1- December 31, 2011, Fee per transaction (\$) ¹	October 1- December 31, 2011, Fee as % of transaction value ¹	2012, Network fee payments (\$ billions)	2012, Network fee payments (% of total)	2012, Fee per transaction (\$) ¹	2012, Fee as % of transaction value ¹
All issuers	1.55		0.045	0.11%	0.52		0.043	0.11%	2.22		0.044	0.11%
Covered issuers	0.79	51%	0.034	0.09%	0.25	48%	0.031	0.08%	0.95	43%	0.029	0.07%
Exempt issuers	0.76	49%	0.068	0.18%	0.27	52%	0.031	0.08%	1.27	57%	0.074	0.19%
Dual-message networks												
<i>Dual-message networks, all issuers</i>	1.32	85%	0.060	0.16%	0.43	83%	0.057	0.15%	1.91	86%	0.059	0.16%
Dual-message networks, covered issuers	0.71	54%	0.045	0.12%	0.22	51%	0.043	0.11%	0.87	46%	0.041	0.11%
Dual-message networks, exempt issuers	0.61	46%	0.099	0.27%	0.21	49%	0.086	0.24%	1.04	54%	0.094	0.26%
Single-message networks												
<i>Single-message networks, all issuers</i>	0.23	15%	0.018	0.04%	0.09	17%	0.019	0.05%	0.31	14%	0.017	0.04%
Single-message network, covered issuers	0.08	35%	0.010	0.03%	0.03	32%	0.010	0.02%	0.08	25%	0.006	0.02%
Single-message networks, exempt issuers	0.15	65%	0.030	0.07%	0.06	68%	0.033	0.08%	0.23	75%	0.038	0.09%

¹ Network fees are divided by the number or value of purchase transactions. In the 2009 data report, network fees were divided by the number or value of purchase transactions plus returns.

Table 9: Network fees paid by issuers

	2013, Network fee payments (\$ billions)	2013, Network fee payments (% of total)	2013, Fee per transaction (\$) ¹	2013, Fee as % of transaction value ¹	2014, Network fee payments (\$ billions)	2014, Network fee payments (% of total)	2014, Fee per transaction (\$) ¹	2014, Fee as % of transaction value ¹	2015, Network fee payments (\$ billions)	2015, Network fee payments (% of total)	2015, Fee per transaction (\$) ¹	2015, Fee as % of transaction value ¹
All issuers	2.35		0.044	0.11%	2.50		0.044	0.11%	2.57		0.042	0.11%
Covered issuers	0.93	40%	0.026	0.07%	0.95	38%	0.026	0.07%	0.93	36%	0.024	0.06%
Exempt issuers	1.42	60%	0.077	0.20%	1.55	62%	0.077	0.20%	1.64	64%	0.077	0.21%
Dual-message networks												
<i>Dual-message networks, all issuers</i>	2.04	87%	0.058	0.16%	2.18	87%	0.059	0.15%	2.23	87%	0.056	0.15%
Dual-message networks, covered issuers	0.86	42%	0.038	0.10%	0.88	41%	0.037	0.10%	0.87	39%	0.034	0.09%
Dual-message networks, exempt issuers	1.18	58%	0.095	0.26%	1.30	59%	0.096	0.26%	1.36	61%	0.095	0.26%
Single-message networks												
<i>Single-message networks, all issuers</i>	0.31	13%	0.017	0.04%	0.31	13%	0.016	0.04%	0.34	13%	0.016	0.04%
Single-message network, covered issuers	0.07	23%	0.006	0.01%	0.07	21%	0.005	0.01%	0.06	17%	0.004	0.01%
Single-message networks, exempt issuers	0.24	77%	0.039	0.10%	0.25	79%	0.038	0.10%	0.28	83%	0.041	0.10%

¹ Network fees are divided by the number or value of purchase transactions. In the 2009 data report, network fees were divided by the number or value of purchase transactions plus returns.

Table 10: Fraudulent debit card activity reported by covered issuers

	2009, Fraud as % of purchase transactions ¹	2011, Fraud as % of purchase transactions ¹ (% of total)	2011, Fraud as % of purchase transactions ²	2011, Average loss per fraudulent transaction (\$) ²	2013, Fraud as % of purchase transactions ¹	2013, Fraud as % of purchase transactions ² (% of total)	2013, Average loss per fraudulent transaction (\$) ²	2015, Fraud as % of purchase transactions ¹	2015, Fraud as % of purchase transactions ² (% of total)	2015, Average loss per fraudulent transaction (\$) ²
All transactions	0.04%	0.030%		101	0.041%		75	0.056%		70
All transactions, card-not-present fraud		0.013%	42%	100	0.022%	53%	56	0.029%	51%	58
All transactions, counterfeit fraud		0.010%	33%	121	0.012%	29%	112	0.019%	34%	91
All transactions, lost and stolen fraud		0.005%	18%	76	0.006%	13%	71	0.006%	11%	61
All transactions, other fraud		0.002%	7%	83	0.002%	5%	68	0.002%	3%	97
<i>Dual-message debit transactions³</i>	<i>0.06%</i>	<i>0.043%</i>		<i>91</i>	<i>0.060%</i>		<i>71</i>	<i>0.080%</i>		<i>64</i>
Dual-message debit transactions, card-not-present fraud ³		0.020%	46%	92	0.035%	58%	56	0.045%	56%	57
Dual-message debit transactions, counterfeit fraud ³		0.014%	32%	103	0.017%	29%	102	0.026%	33%	79
Dual-message debit transactions, lost and stolen fraud ³		0.007%	16%	71	0.007%	12%	64	0.007%	9%	50
Dual-message debit transactions, other fraud ³		0.002%	5%	64	0.001%	1%	123	0.001%	1%	115
<i>Single-message debit transactions⁴</i>	<i>0.01%</i>	<i>0.006%</i>		<i>187</i>	<i>0.009%</i>		<i>136</i>	<i>0.014%</i>		<i>136</i>
Single-message networks, card-not-present fraud ⁴		0.001%	10%	106	0.000%	4%	94	0.001%	6%	122
Single-message networks, counterfeit fraud ⁴		0.003%	48%	247	0.003%	39%	201	0.007%	51%	172
Single-message networks, lost and stolen fraud ⁴		0.002%	33%	111	0.003%	36%	99	0.005%	32%	96
Single-message networks, other fraud ⁴		0.001%	9%	227	0.002%	21%	88	0.002%	11%	91
<i>Prepaid transactions</i>	<i>0.03%</i>	<i>0.037%</i>		<i>66</i>	<i>0.041%</i>		<i>38</i>	<i>0.062%</i>		<i>50</i>
Prepaid transactions, card-not-present fraud		0.013%	36%	55	0.016%	38%	37	0.029%	47%	46
Prepaid transactions, counterfeit fraud		0.008%	23%	88	0.006%	13%	81	0.013%	20%	65
Prepaid transactions, lost and stolen fraud		0.011%	30%	56	0.007%	17%	37	0.011%	17%	39
Prepaid transactions, other fraud		0.004%	11%	94	0.013%	32%	24	0.009%	15%	59

¹ Number of fraudulent transactions divided by the total number of purchase transactions.

² Total fraud losses to all parties (merchants, cardholders, and issuers) divided by the number of fraudulent transactions.

³ Dual-message debit transactions is transactions initiated with non-prepaid debit cards processed over dual-message networks.

⁴ Single-message debit transactions is transactions initiated with non-prepaid debit cards processed over single-message networks.

Table 11: 2015 fraud losses reported by covered issuers

	<i>All fraud, Loss per transaction (\$)^{1,3}</i>	<i>All fraud, Loss as share of transaction value (bp)^{1,4}</i>	<i>All fraud, Loss as share of transaction value (bp)^{1,5} (% of total)</i>	<i>Card-not- present fraud, Loss per transaction (\$)^{2,3}</i>	<i>Card-not- present fraud, Loss as share of transaction value (bp)^{2,4}</i>	<i>Card-not- present fraud, Loss as share of transaction value (bp)^{2,5} (% of total)</i>	<i>Counterfeit fraud, Loss per transaction (\$)³</i>	<i>Counterfeit fraud, Loss as share of transaction value (bp)⁴</i>	<i>Counterfeit fraud, Loss as share of transaction value (bp)⁵ (% of total)</i>	<i>Lost and stolen fraud, Loss per transaction (\$)³</i>	<i>Lost and stolen fraud, Loss as share of transaction value (bp)⁴</i>	<i>Lost and stolen fraud, Loss as share of transaction value (bp)⁵ (% of total)</i>
All transactions	0.040	10.29		0.017	4.34		0.017	4.53		0.004	1.03	
All transactions, merchant losses	0.015	3.98	39%	0.012	3.00	69%	0.003	0.68	15%	<0.001	0.20	20%
All transactions, cardholder losses	0.001	0.31	3%	<0.001	0.13	3%	<0.001	0.10	2%	<0.001	0.07	7%
All transactions, issuer losses	0.023	5.99	58%	0.005	1.21	28%	0.014	3.76	83%	0.003	0.76	73%
<i>Dual-message debit transactions⁵</i>	<i>0.052</i>	<i>13.45</i>		<i>0.026</i>	<i>6.72</i>		<i>0.021</i>	<i>5.40</i>		<i>0.004</i>	<i>0.98</i>	
Dual-message debit transactions, merchant losses ⁵	0.024	6.17	46%	0.018	4.72	70%	0.004	1.02	19%	0.001	0.28	29%
Dual-message debit transactions, cardholder losses ⁵	0.001	0.35	3%	<0.001	0.21	3%	<0.001	0.11	2%	<0.001	0.04	4%
Dual-message debit transactions, issuer losses ⁵	0.027	6.93	51%	0.007	1.79	27%	0.016	4.27	79%	0.003	0.66	67%
<i>Single-message debit transactions⁶</i>	<i>0.019</i>	<i>4.85</i>		<i>0.001</i>	<i>0.28</i>		<i>0.012</i>	<i>3.12</i>		<i>0.004</i>	<i>1.10</i>	
Single-message debit transactions, merchant losses ⁶	0.001	0.27	6%	<0.001	0.09	32%	<0.001	0.08	2%	<0.001	0.07	6%
Single-message debit transactions, cardholder losses ⁶	0.001	0.27	6%	<0.001	<0.01	0%	<0.001	0.09	3%	<0.001	0.13	12%
Single-message debit transactions, issuer losses ⁶	0.017	4.31	89%	<0.001	0.19	67%	0.012	2.95	95%	0.004	0.90	81%
<i>Prepaid transactions</i>	<i>0.032</i>	<i>11.17</i>		<i>0.014</i>	<i>4.82</i>		<i>0.008</i>	<i>2.93</i>		<i>0.004</i>	<i>1.50</i>	
Prepaid transactions, merchant losses	0.010	3.62	32%	0.008	2.76	57%	0.002	0.54	18%	<0.001	0.19	13%
Prepaid transactions, cardholder losses	<0.001	0.06	1%	<0.001	0.00	0%	<0.001	0.00	0%	<0.001	0.01	0%
Prepaid transactions, issuer losses	0.021	7.50	67%	0.006	2.06	43%	0.007	2.39	81%	0.004	1.30	87%

Note: Statistics exclude responses in which the issuer reported issuer fraud losses but was unable to report gross fraud losses. Therefore, statistics may differ from those in Table 14, which include responses in which the issuer was able to report only issuer fraud losses.

¹ Card-not-present, counterfeit, and lost and stolen fraud losses do not necessarily sum to all fraud losses. Some fraud losses could not be categorized by issuers into the categories above but are still included under all fraud losses.

² Card-not-present fraud losses may also be reported in another second category.

³ Fraud losses divided by the number of purchase transactions (both fraudulent and non-fraudulent).

⁴ Fraud losses divided by the value of purchase transactions (both fraudulent and non-fraudulent).

⁵ Dual-message transactions are transactions initiated by non-prepaid debit cards over dual-message networks.

⁶ Single-message transactions are transactions initiated by non-prepaid debit cards over single-message networks.

Table 11: 2013 fraud losses reported by covered issuers

	<i>All fraud, Loss per transaction (\$)^{1,3}</i>	<i>All fraud, Loss as share of transaction value (bp)^{1,4}</i>	<i>All fraud, Loss as share of transaction value (bp)^{1,5} (% of total)</i>	<i>Card-not- present fraud, Loss per transaction (\$)^{2,3}</i>	<i>Card-not- present fraud, Loss as share of transaction value (bp)^{2,4}</i>	<i>Card-not- present fraud, Loss as share of transaction value (bp)^{2,5} (% of total)</i>	<i>Counterfeit fraud, Loss per transaction (\$)³</i>	<i>Counterfeit fraud, Loss as share of transaction value (bp)⁴</i>	<i>Counterfeit fraud, Loss as share of transaction value (bp)⁵ (% of total)</i>	<i>Lost and stolen fraud, Loss per transaction (\$)³</i>	<i>Lost and stolen fraud, Loss as share of transaction value (bp)⁴</i>	<i>Lost and stolen fraud, Loss as share of transaction value (bp)⁵ (% of total)</i>
All transactions	0.031	8.02		0.012	3.14		0.014	3.54		0.004	1.00	
All transactions, merchant losses	0.011	2.90	36%	0.009	2.21	70%	0.002	0.42	12%	<0.001	0.19	19%
All transactions, cardholder losses	<0.001	0.24	3%	<0.001	0.12	4%	<0.001	0.03	1%	<0.001	0.06	6%
All transactions, issuer losses	0.019	4.88	61%	0.003	0.81	26%	0.012	3.08	87%	0.003	0.75	75%
<i>Dual-message debit transactions⁵</i>	<i>0.043</i>	<i>11.14</i>		<i>0.020</i>	<i>5.13</i>		<i>0.018</i>	<i>4.69</i>		<i>0.004</i>	<i>1.12</i>	
Dual-message debit transactions, merchant losses ⁵	0.018	4.75	43%	0.014	3.66	71%	0.003	0.69	15%	0.001	0.30	27%
Dual-message debit transactions, cardholder losses ⁵	<0.001	0.24	2%	<0.001	0.17	3%	<0.001	0.04	1%	<0.001	0.02	2%
Dual-message debit transactions, issuer losses ⁵	0.024	6.14	55%	0.005	1.30	25%	0.015	3.96	84%	0.003	0.79	71%
<i>Single-message debit transactions⁶</i>	<i>0.012</i>	<i>2.98</i>		<i><0.001</i>	<i>0.06</i>		<i>0.007</i>	<i>1.67</i>		<i>0.003</i>	<i>0.79</i>	
Single-message debit transactions, merchant losses ⁶	<0.001	0.07	2%	<0.001	0.02	31%	<0.001	0.01	1%	<0.001	0.01	1%
Single-message debit transactions, cardholder losses ⁶	<0.001	0.18	6%	<0.001	<0.01	0%	<0.001	0.02	1%	<0.001	0.11	14%
Single-message debit transactions, issuer losses ⁶	0.011	2.73	92%	<0.001	0.03	61%	0.007	1.64	98%	0.003	0.67	84%
<i>Prepaid transactions</i>	<i>0.020</i>	<i>7.14</i>		<i>0.006</i>	<i>2.26</i>		<i>0.005</i>	<i>1.73</i>		<i>0.003</i>	<i>1.12</i>	
Prepaid transactions, merchant losses	0.005	1.79	25%	0.004	1.37	61%	<0.001	0.26	15%	<0.001	0.11	9%
Prepaid transactions, cardholder losses	<0.001	0.07	1%	<0.001	0.01	0%	<0.001	0.01	1%	<0.001	0.01	1%
Prepaid transactions, issuer losses	0.015	5.28	74%	0.002	0.88	39%	0.004	1.46	84%	0.003	1.00	89%

Note: Statistics exclude responses in which the issuer reported issuer fraud losses but was unable to report gross fraud losses. Therefore, statistics may differ from those in Table 14, which include responses in which the issuer was able to report only issuer fraud losses.

¹ Card-not-present, counterfeit, and lost and stolen fraud losses do not necessarily sum to all fraud losses. Some fraud losses could not be categorized by issuers into the categories above but are still included under all fraud losses.

² Card-not-present fraud losses may also be reported in another second category.

³ Fraud losses divided by the number of purchase transactions (both fraudulent and non-fraudulent).

⁴ Fraud losses divided by the value of purchase transactions (both fraudulent and non-fraudulent).

⁵ Dual-message transactions are transactions initiated by non-prepaid debit cards over dual-message networks.

⁶ Single-message transactions are transactions initiated by non-prepaid debit cards over single-message networks.

Table 11: 2011 fraud losses reported by covered issuers

	<i>All fraud, Loss per transaction (\$)^{1,3}</i>	<i>All fraud, Loss as share of transaction value (bp)^{1,4}</i>	<i>All fraud, Loss as share of transaction value (bp)^{1,5} (% of total)</i>	<i>Card-not- present fraud, Loss per transaction (\$)^{2,3}</i>	<i>Card-not- present fraud, Loss as share of transaction value (bp)^{2,4}</i>	<i>Card-not- present fraud, Loss as share of transaction value (bp)^{2,5} (% of total)</i>	<i>Counterfeit fraud, Loss per transaction (\$)³</i>	<i>Counterfeit fraud, Loss as share of transaction value (bp)⁴</i>	<i>Counterfeit fraud, Loss as share of transaction value (bp)⁵ (% of total)</i>	<i>Lost and stolen fraud, Loss per transaction (\$)³</i>	<i>Lost and stolen fraud, Loss as share of transaction value (bp)⁴</i>	<i>Lost and stolen fraud, Loss as share of transaction value (bp)⁵ (% of total)</i>
All transactions	0.030	7.77		0.012	3.05		0.013	3.22		0.004	1.05	
All transactions, merchant losses	0.012	2.98	38%	0.008	2.08	68%	0.002	0.49	15%	0.001	0.28	26%
All transactions, cardholder losses	<0.001	0.14	2%	<0.001	0.10	3%	<0.001	0.04	1%	<0.001	0.07	7%
All transactions, issuer losses	0.018	4.65	60%	0.003	0.87	29%	0.011	2.69	83%	0.003	0.70	67%
<i>Dual-message debit transactions⁵</i>	<i>0.041</i>	<i>10.62</i>		<i>0.018</i>	<i>4.66</i>		<i>0.015</i>	<i>3.80</i>		<i>0.005</i>	<i>1.28</i>	
Dual-message debit transactions, merchant losses ⁵	0.018	4.74	45%	0.013	3.28	70%	0.003	0.77	20%	0.002	0.44	35%
Dual-message debit transactions, cardholder losses ⁵	<0.001	0.18	2%	<0.001	0.13	3%	<0.001	0.05	1%	<0.001	0.03	2%
Dual-message debit transactions, issuer losses ⁵	0.022	5.70	54%	0.005	1.26	27%	0.011	2.98	78%	0.003	0.81	63%
<i>Single-message debit transactions⁶</i>	<i>0.012</i>	<i>2.87</i>		<i><0.001</i>	<i>0.14</i>		<i>0.007</i>	<i>1.59</i>		<i>0.002</i>	<i>0.54</i>	
Single-message debit transactions, merchant losses ⁶	<0.001	0.06	2%	<0.001	0.02	18%	<0.001	0.01	1%	<0.001	0.02	3%
Single-message debit transactions, cardholder losses ⁶	<0.001	0.07	2%	<0.001	<0.01	5%	<0.001	<0.01	0%	<0.001	0.06	11%
Single-message debit transactions, issuer losses ⁶	0.011	2.74	96%	<0.001	0.10	77%	0.006	1.57	99%	0.002	0.46	85%
<i>Prepaid transactions</i>	<i>0.021</i>	<i>7.38</i>		<i>0.012</i>	<i>3.93</i>		<i>0.007</i>	<i>2.42</i>		<i>0.007</i>	<i>2.46</i>	
Prepaid transactions, merchant losses	0.005	1.73	23%	0.002	0.59	15%	0.003	0.87	36%	0.002	0.75	30%
Prepaid transactions, cardholder losses	<0.001	0.32	4%	<0.001	0.34	9%	<0.001	0.05	2%	<0.001	0.16	7%
Prepaid transactions, issuer losses	0.015	5.33	72%	0.009	3.01	76%	0.004	1.50	62%	0.005	1.55	63%

Note: Statistics exclude responses in which the issuer reported issuer fraud losses but was unable to report gross fraud losses. Therefore, statistics may differ from those in Table 14, which include responses in which the issuer was able to report only issuer fraud losses.

¹ Card-not-present, counterfeit, and lost and stolen fraud losses do not necessarily sum to all fraud losses. Some fraud losses could not be categorized by issuers into the categories above but are still included under all fraud losses.

² Card-not-present fraud losses may also be reported in another second category.

³ Fraud losses divided by the number of purchase transactions (both fraudulent and non-fraudulent).

⁴ Fraud losses divided by the value of purchase transactions (both fraudulent and non-fraudulent).

⁵ Dual-message transactions are transactions initiated by non-prepaid debit cards over dual-message networks.

⁶ Single-message transactions are transactions initiated by non-prepaid debit cards over single-message networks.

Table 12: Covered issuers by 2015 volume

	<i>Number of covered issuers</i>	<i>Number of covered issuers (% of total)</i>	<i>% of transactions¹</i>	<i>% of transaction value¹</i>	<i>Average transaction value (\$)²</i>
All covered issuers	129				38.47
High-volume covered issuers (more than 100 million transactions)	35	27%	95.12%	94.58%	38.25
Mid-volume covered issuers (1-100 million transactions)	65	50%	4.86%	5.39%	42.63
Low-volume covered issuers (less than 1 million transactions)	29	22%	0.02%	0.03%	72.73

¹ The percentage of the total number or value of covered issuer transactions. Covered issuers represent about 65 percent of all debit card transactions.

² Average transaction values in this table are calculated from the Debit Card Issuer survey. Average transaction values reported in tables 1-3 are calculated from the Payment Card Network survey.

Table 12: Covered issuers by 2013 volume

	<i>Number of covered issuers</i>	<i>Number of covered issuers (% of total)</i>	<i>% of transactions¹</i>	<i>% of transaction value¹</i>	<i>Average transaction value (\$)²</i>
All covered issuers	131				38.85
High-volume covered issuers (more than 100 million transactions)	33	25%	94.81%	94.20%	38.60
Mid-volume covered issuers (1-100 million transactions)	63	48%	5.17%	5.77%	43.32
Low-volume covered issuers (less than 1 million transactions)	35	27%	0.02%	0.04%	76.77

¹ The percentage of the total number or value of covered issuer transactions. Covered issuers represent about 65 percent of all debit card transactions.

² Average transaction values in this table are calculated from the Debit Card Issuer survey. Average transaction values reported in Tables 1-3 are calculated from the Payment Card Network survey.

Table 12: Covered issuers by 2011 volume

	<i>Number of covered issuers</i>	<i>Number of covered issuers (% of total)</i>	<i>% of transactions¹</i>	<i>% of transaction value¹</i>	<i>Average transaction value (\$)²</i>
All covered issuers	131				39.21
High-volume covered issuers (more than 100 million transactions)	31	24%	94.04%	93.60%	39.03
Mid-volume covered issuers (1-100 million transactions)	63	48%	5.94%	6.37%	42.04
Low-volume covered issuers (less than 1 million transactions)	37	28%	0.02%	0.03%	73.85

¹ The percentage of the total number or value of covered issuer transactions. Covered issuers represent about 65 percent of all debit card transactions.

² Average transaction values in this table are calculated from the Debit Card Issuer survey. Average transaction values reported in Tables 1-3 are calculated from the Payment Card Network survey.

Table 13: Average authorization, clearing, and settlement (ACS) costs, excluding issuer fraud losses, per transaction (\$)

	2009, All covered issuers	2009, All covered issuers (% of total)	2011, All covered issuers	2011, All covered issuers (% of total)	2011, High-volume issuers	2011, High-volume issuers (% of total)	2011, Mid-volume issuers	2011, Mid-volume issuers (% of total)	2011, Low-volume issuers	2011, Low-volume issuers (% of total)
All issuers ¹										
All issuers, all transactions^{1,2}	0.077		0.051		0.047		0.113		0.592	
<i>All issuers, dual-message debit transactions^{1,2}</i>	0.078		0.055		0.051		0.125		0.981	
<i>All issuers, single-message debit transactions^{1,2}</i>	0.047		0.031		0.029		0.069		0.745	
<i>All issuers, prepaid transactions^{1,2,3}</i>	0.260		0.125		0.120		0.701			
Only issuers providing cost breakdown ¹										
Only issuers providing cost breakdown, all transactions^{1,2}	0.076		0.050		0.047		0.119		0.746	
Only issuers providing cost breakdown, all transactions, in-house costs ^{1,2}	0.030	39%	0.017	35%	0.017	37%	0.017	15%	0.242	32%
Only issuers providing cost breakdown, all transactions, third-party processing fees ^{1,2}	0.023	29%	0.017	33%	0.015	31%	0.052	44%	0.338	45%
Only issuers providing cost breakdown, all transactions, network fees ^{1,2}	0.025	33%	0.016	33%	0.015	31%	0.049	41%	0.166	22%
<i>Only issuers providing cost breakdown, dual-message debit transactions^{1,2,3}</i>	<i>0.084</i>		<i>0.055</i>		<i>0.051</i>		<i>0.127</i>		<i>1.046</i>	
Only issuers providing cost breakdown, dual-message debit transactions, in-house costs ^{1,2,3}	0.031	37%	0.018	34%	0.018	36%	0.020	16%	0.468	45%
Only issuers providing cost breakdown, dual-message debit transactions, third-party processing fees ^{1,2,3}	0.025	30%	0.017	32%	0.016	31%	0.045	35%	0.496	47%
Only issuers providing cost breakdown, dual-message debit transactions, network fees ^{1,2,3}	0.030	36%	0.019	34%	0.017	33%	0.062	49%	0.083	8%
<i>Only issuers providing cost breakdown, single-message debit transactions^{1,2,3}</i>	<i>0.050</i>		<i>0.031</i>		<i>0.029</i>		<i>0.073</i>		<i>0.781</i>	
Only issuers providing cost breakdown, single-message debit transactions, in-house costs ^{1,2,3}	0.024	48%	0.015	48%	0.015	51%	0.009	12%	0.374	48%
Only issuers providing cost breakdown, single-message debit transactions, third-party processing fees ^{1,2,3}	0.012	24%	0.008	25%	0.007	24%	0.025	34%	0.247	32%
Only issuers providing cost breakdown, single-message debit transactions, network fees ^{1,2,3}	0.016	32%	0.008	27%	0.007	25%	0.039	54%	0.160	21%
<i>Only issuers providing cost breakdown, prepaid transactions^{1,2,3}</i>	<i>0.220</i>		<i>0.122</i>		<i>0.117</i>		<i>0.700</i>			
Only issuers providing cost breakdown, prepaid transactions, in-house costs ^{1,2,3}	0.040	18%	0.018	14%	0.017	15%	0.069	10%		
Only issuers providing cost breakdown, prepaid transactions, third-party processing fees ^{1,2,3}	0.132	58%	0.068	56%	0.064	54%	0.557	80%		
Only issuers providing cost breakdown, prepaid transactions, network fees ^{1,2,3}	0.056	25%	0.037	30%	0.036	31%	0.073	10%		

¹ First set of rows in table reports statistics from transactions processed by all covered issuers, regardless of the level of detail in their cost reporting. Second set of rows reports statistics from transactions including only those issuers that provided a breakdown of their costs by category.

² ACS costs include transactions monitoring costs. However, transactions monitoring costs are not included in the breakout into in-house costs and third-party processing fees.

³ Prepaid figures for low-volume issuers, as well as the breakdown by cost category among low-volume issuers for dual-message, single-message and prepaid transactions, are not reported because of the small number of respondents.

Table 13: Average authorization, clearing, and settlement (ACS) costs, excluding issuer fraud losses, per transaction (\$)

	2013, All covered issuers	2013, All covered issuers (% of total)	2013, High-volume issuers	2013, High-volume issuers (% of total)	2013, Mid-volume issuers	2013, Mid-volume issuers (% of total)	2013, Low-volume issuers	2013, Low-volume issuers (% of total)
All issuers ¹								
All issuers, all transactions^{1,2}	0.046		0.041		0.138		0.661	
<i>All issuers, dual-message debit transactions^{1,2}</i>	0.052		0.049		0.130		0.919	
<i>All issuers, single-message debit transactions^{1,2}</i>	0.025		0.023		0.068		2.171	
<i>All issuers, prepaid transactions^{1,2,3}</i>	0.108		0.098		0.544			
Only issuers providing cost breakdown ¹								
Only issuers providing cost breakdown, all transactions^{1,2}	0.044		0.041		0.122		0.706	
Only issuers providing cost breakdown, all transactions, in-house costs ^{1,2}	0.015	37%	0.015	39%	0.021	19%	0.189	30%
Only issuers providing cost breakdown, all transactions, third-party processing fees ^{1,2}	0.013	31%	0.011	30%	0.042	39%	0.257	41%
Only issuers providing cost breakdown, all transactions, network fees ^{1,2}	0.013	32%	0.012	31%	0.046	42%	0.180	29%
<i>Only issuers providing cost breakdown, dual-message debit transactions^{1,2,3}</i>	<i>0.051</i>		<i>0.048</i>		<i>0.135</i>		<i>0.911</i>	
Only issuers providing cost breakdown, dual-message debit transactions, in-house costs ^{1,2,3}	0.018	38%	0.017	39%	0.024	20%	0.234	27%
Only issuers providing cost breakdown, dual-message debit transactions, third-party processing fees ^{1,2,3}	0.013	28%	0.012	26%	0.049	40%	0.426	50%
Only issuers providing cost breakdown, dual-message debit transactions, network fees ^{1,2,3}	0.016	35%	0.015	34%	0.048	40%	0.190	22%
<i>Only issuers providing cost breakdown, single-message debit transactions^{1,2,3}</i>	<i>0.024</i>		<i>0.023</i>		<i>0.070</i>		<i>1.844</i>	
Only issuers providing cost breakdown, single-message debit transactions, in-house costs ^{1,2,3}	0.011	51%	0.011	54%	0.013	20%	0.290	17%
Only issuers providing cost breakdown, single-message debit transactions, third-party processing fees ^{1,2,3}	0.006	29%	0.006	29%	0.022	35%	0.723	43%
Only issuers providing cost breakdown, single-message debit transactions, network fees ^{1,2,3}	0.004	19%	0.004	17%	0.028	45%	0.669	40%
<i>Only issuers providing cost breakdown, prepaid transactions^{1,2,3}</i>	<i>0.103</i>		<i>0.102</i>		<i>0.420</i>			
Only issuers providing cost breakdown, prepaid transactions, in-house costs ^{1,2,3}	0.012	13%	0.012	13%	0.014	3%		
Only issuers providing cost breakdown, prepaid transactions, third-party processing fees ^{1,2,3}	0.056	60%	0.055	60%	0.358	86%		
Only issuers providing cost breakdown, prepaid transactions, network fees ^{1,2,3}	0.025	27%	0.025	27%	0.047	11%		

¹ First set of rows in table reports statistics from transactions processed by all covered issuers, regardless of the level of detail in their cost reporting. Second set of rows reports statistics from transactions including only those issuers that provided a breakdown of their costs

² ACS costs include transactions monitoring costs. However, transactions monitoring costs are not included in the breakout into in-house costs and third-party processing fees.

³ Prepaid figures for low-volume issuers, as well as the breakdown by cost category among low-volume issuers for dual-message, single-message and prepaid transactions, are not reported because of the small number of respondents.

Table 13: Average authorization, clearing, and settlement (ACS) costs, excluding issuer fraud losses, per transaction (\$)

	2015, All covered issuers	2015, All covered issuers (% of total)	2015, High-volume issuers	2015, High-volume issuers (% of total)	2015, Mid-volume issuers	2015, Mid-volume issuers (% of total)	2015, Low-volume issuers	2015, Low-volume issuers (% of total)
All issuers ¹								
All issuers, all transactions^{1,2}	0.042		0.038		0.118		0.516	
<i>All issuers, dual-message debit transactions^{1,2}</i>	0.048		0.045		0.128		0.537	
<i>All issuers, single-message debit transactions^{1,2}</i>	0.024		0.022		0.082		1.484	
<i>All issuers, prepaid transactions^{1,2,3}</i>	0.114		0.113		0.200			
Only issuers providing cost breakdown ¹								
Only issuers providing cost breakdown, all transactions^{1,2}	0.041		0.038		0.119		0.576	
Only issuers providing cost breakdown, all transactions, in-house costs ^{1,2}	0.015	40%	0.015	43%	0.015	15%	0.110	23%
Only issuers providing cost breakdown, all transactions, third-party processing fees ^{1,2}	0.011	30%	0.010	29%	0.046	45%	0.198	41%
Only issuers providing cost breakdown, all transactions, network fees ^{1,2}	0.011	29%	0.010	28%	0.041	40%	0.175	36%
<i>Only issuers providing cost breakdown, dual-message debit transactions^{1,2,3}</i>	<i>0.047</i>		<i>0.044</i>		<i>0.131</i>			
Only issuers providing cost breakdown, dual-message debit transactions, in-house costs ^{1,2,3}	0.018	42%	0.018	44%	0.020	18%		
Only issuers providing cost breakdown, dual-message debit transactions, third-party processing fees ^{1,2,3}	0.011	27%	0.010	26%	0.042	38%		
Only issuers providing cost breakdown, dual-message debit transactions, network fees ^{1,2,3}	0.013	31%	0.012	30%	0.049	44%		
<i>Only issuers providing cost breakdown, single-message debit transactions^{1,2,3}</i>	<i>0.023</i>		<i>0.021</i>		<i>0.082</i>			
Only issuers providing cost breakdown, single-message debit transactions, in-house costs ^{1,2,3}	0.010	51%	0.010	53%	0.018	28%		
Only issuers providing cost breakdown, single-message debit transactions, third-party processing fees ^{1,2,3}	0.005	27%	0.005	27%	0.018	28%		
Only issuers providing cost breakdown, single-message debit transactions, network fees ^{1,2,3}	0.004	22%	0.004	21%	0.028	44%		
<i>Only issuers providing cost breakdown, prepaid transactions^{1,2,3}</i>	<i>0.126</i>		<i>0.125</i>		<i>0.367</i>			
Only issuers providing cost breakdown, prepaid transactions, in-house costs ^{1,2,3}	0.019	17%	0.019	17%	0.041	12%		
Only issuers providing cost breakdown, prepaid transactions, third-party processing fees ^{1,2,3}	0.068	61%	0.067	61%	0.223	64%		
Only issuers providing cost breakdown, prepaid transactions, network fees ^{1,2,3}	0.025	22%	0.025	22%	0.085	24%		

¹ First set of rows in table reports statistics from transactions processed by all covered issuers, regardless of the level of detail in their cost reporting. Second set of rows reports statistics from transactions including only those issuers that provided a breakdown of their costs

² ACS costs include transactions monitoring costs. However, transactions monitoring costs are not included in the breakout into in-house costs and third-party processing fees.

³ Prepaid figures for low-volume issuers, as well as the breakdown by cost category among low-volume issuers for dual-message, single-message and prepaid transactions, are not reported because of the small number of

Table 14: 2015 Covered issuer costs per transaction (\$) and fraud losses as share of transaction value (bp)

	<i>All covered issuers, transaction-weighted average</i>	<i>All covered issuers, issuer-weighted average</i>	<i>All covered issuers, issuer 25th percentile</i>	<i>All covered issuers, issuer 50th percentile</i>	<i>All covered issuers, issuer 75th percentile</i>	<i>High-volume issuers, transaction-weighted average</i>	<i>High-volume issuers, issuer-weighted average</i>	<i>High-volume issuers, issuer 25th percentile</i>	<i>High-volume issuers, issuer 50th percentile</i>	<i>High-volume issuers, issuer 75th percentile</i>	<i>Mid-volume issuers, transaction-weighted average</i>	<i>Mid-volume issuers, issuer-weighted average</i>	<i>Mid-volume issuers, issuer 25th percentile</i>	<i>Mid-volume issuers, issuer 50th percentile</i>	<i>Mid-volume issuers, issuer 75th percentile</i>	<i>Low-volume issuers, transaction-weighted average</i>	<i>Low-volume issuers, issuer-weighted average</i>	<i>Low-volume issuers, issuer 25th percentile</i>	<i>Low-volume issuers, issuer 50th percentile</i>	<i>Low-volume issuers, issuer 75th percentile</i>
All transactions																				
All transactions, ACS costs, excluding fraud losses ¹	0.042	1.239	0.058	0.123	0.305	0.038	0.060	0.035	0.049	0.077	0.118	0.245	0.081	0.131	0.199	0.516	5.316	0.413	1.345	3.607
All transactions, fraud-prevention costs ²	0.023	0.180	0.007	0.019	0.039	0.023	0.020	0.007	0.015	0.028	0.024	0.041	0.006	0.022	0.034	0.063	0.789	0.012	0.052	0.433
All transactions, cardholder inquiry costs ³	0.032	0.052	0.001	0.012	0.031	0.033	0.021	0.004	0.017	0.033	0.017	0.021	0.001	0.011	0.029	0.035	0.183	-	-	0.069
All transactions, reward program costs	0.001	0.007	-	-	<0.001	0.001	0.002	-	0.000	0.001	0.004	0.012	-	-	-	-	-	-	-	-
All transactions, NSF handling costs ⁴	0.006	0.003	-	-	0.004	0.006	0.006	0.001	0.003	0.007	0.005	0.003	-	-	0.002	-	-	-	-	-
All transactions, issuer fraud losses	0.023	0.087	0.017	0.027	0.061	0.022	0.026	0.020	0.025	0.031	0.042	0.093	0.020	0.040	0.076	0.139	0.150	-	0.032	0.085
<i>Dual-message debit transactions⁵</i>																				
Dual-message debit transactions, ACS costs, excluding fraud losses ^{1,5}	0.048	0.805	0.053	0.101	0.181	0.045	0.072	0.039	0.056	0.084	0.128	0.219	0.089	0.151	0.209	0.537	6.613	0.210	0.811	7.846
Dual-message debit transactions, fraud-prevention costs ^{2,5}	0.026	0.121	0.007	0.020	0.037	0.026	0.024	0.010	0.016	0.035	0.028	0.048	0.005	0.024	0.038	0.158	1.209	0.008	0.159	1.191
Dual-message debit transactions, cardholder inquiry costs ^{3,5}	0.031	0.021	0.001	0.011	0.030	0.032	0.022	0.004	0.018	0.032	0.018	0.022	0.003	0.011	0.029	-	-	-	-	-
Dual-message debit transactions, reward program costs ⁵	0.001	0.003	-	-	<0.001	0.001	0.002	-	0.000	0.001	0.005	0.004	-	-	-	-	-	-	-	-
Dual-message debit transactions, NSF handling costs ^{4,5}	0.006	0.004	-	<0.001	0.005	0.006	0.006	0.002	0.004	0.008	0.007	0.003	-	-	0.002	-	-	-	-	-
Dual-message debit transactions, issuer fraud losses ⁵	0.027	0.070	0.020	0.036	0.062	0.026	0.106	0.026	0.048	0.086	0.050	0.106	0.026	0.048	0.086	0.089	0.106	0.026	0.048	0.086
<i>Single-message debit transactions⁶</i>																				
Single-message debit transactions, ACS costs, excluding fraud losses ^{1,6}	0.024	5.352	0.032	0.072	0.155	0.022	0.042	0.018	0.033	0.051	0.082	0.229	0.047	0.095	0.159	1.484	34.896	0.714	4.614	29.406
Single-message debit transactions, fraud-prevention costs ^{2,6}	0.019	0.442	0.005	0.017	0.044	0.019	0.018	0.005	0.014	0.025	0.024	0.061	0.005	0.019	0.072	0.183	3.095	0.068	0.490	5.303
Single-message debit transactions, cardholder inquiry costs ^{3,6}	0.033	0.085	0.004	0.015	0.040	0.034	0.020	0.005	0.017	0.034	0.022	0.020	0.004	0.014	0.032	0.120	0.354	-	-	0.142
Single-message debit transactions, reward program costs ⁶	0.001	0.002	-	-	-	0.001	0.002	-	-	<0.001	0.003	0.003	-	-	-	-	-	-	-	-
Single-message debit transactions, NSF handling costs ^{4,6}	0.005	0.003	-	-	0.003	0.005	0.005	-	0.002	0.005	0.003	0.002	-	-	0.001	-	-	-	-	-
Single-message debit transactions, issuer fraud losses ⁶	0.017	0.069	0.002	0.006	0.030	0.017	0.086	0.003	0.019	0.112	0.025	0.086	0.003	0.019	0.112	0.013	0.086	0.003	0.019	0.112
<i>Prepaid transactions⁷</i>																				
Prepaid transactions, ACS costs, excluding fraud losses ^{1,7}	0.114	2.338	0.069	0.110	0.303	0.113	0.218	0.065	0.101	0.161	0.200	7.755	0.088	0.495	1.556					
Prepaid transactions, fraud-prevention costs ^{2,7}	0.030	0.031	0.005	0.012	0.049	0.030	0.031	0.009	0.017	0.049	0.014	0.031	<0.001	0.004	0.019					
Prepaid transactions, cardholder inquiry costs ^{3,7}	0.059	0.265	0.013	0.051	0.117	0.059	0.133	0.014	0.051	0.110	0.127	0.133	0.013	0.104	1.184					
Prepaid transactions, reward program costs ⁷	0.002	<0.001	-	-	-	0.002	<0.001	-	-	-	-	-	-	-	-					
Prepaid transactions, NSF handling costs ^{4,7}	0.003	0.001	-	-	-	0.003	0.002	-	-	0.001	-	-	-	-	-					
Prepaid transactions, issuer fraud losses ⁷	0.022	0.034	0.005	0.014	0.025	0.021	0.012	-	-	0.012	0.032	0.012	-	-	0.012					
Covered issuer fraud losses (bp), All transactions⁸	6.04	11.45	4.10	6.55	11.20	5.84	6.52	5.28	5.97	7.80	9.71	12.53	4.29	7.34	13.73	17.98	12.53	4.29	7.34	13.73
<i>Covered issuer fraud losses (bp), Dual-message debit transactions^{5,8}</i>	<i>6.93</i>	<i>11.35</i>	<i>5.31</i>	<i>8.39</i>	<i>13.01</i>	<i>6.71</i>	<i>11.35</i>	<i>5.31</i>	<i>8.39</i>	<i>13.01</i>	<i>11.74</i>	<i>11.35</i>	<i>5.31</i>	<i>8.39</i>	<i>13.01</i>	<i>13.55</i>	<i>11.35</i>	<i>5.31</i>	<i>8.39</i>	<i>13.01</i>
<i>Covered issuer fraud losses (bp), Single-message debit transactions^{6,8}</i>	<i>4.30</i>	<i>8.10</i>	<i>0.45</i>	<i>1.48</i>	<i>7.05</i>	<i>4.25</i>	<i>8.10</i>	<i>0.45</i>	<i>1.48</i>	<i>7.05</i>	<i>5.64</i>	<i>8.10</i>	<i>0.45</i>	<i>1.48</i>	<i>7.05</i>	<i>2.15</i>	<i>8.10</i>	<i>0.45</i>	<i>1.48</i>	<i>7.05</i>
<i>Covered issuer fraud losses (bp), Prepaid transactions^{7,8}</i>	<i>7.33</i>	<i>6.50</i>	<i>1.76</i>	<i>4.50</i>	<i>6.82</i>	<i>7.35</i>	<i>6.50</i>	<i>1.76</i>	<i>4.50</i>	<i>6.82</i>	<i>4.25</i>	<i>6.50</i>	<i>1.76</i>	<i>4.50</i>	<i>6.82</i>					

¹ Authorization, clearing, and settlement costs include transactions monitoring costs and exclude issuer fraud losses, which are reported separately. The transaction-weighted average for ACS costs excludes covered issuers that could not allocate among in-house, third-party, and network costs. The issuer-weighted average and issuer percentiles include all responses.

² Fraud-prevention costs include fraud-related cardholder inquiry costs and exclude transactions monitoring costs, which are counted as part of ACS costs.

³ Cardholder inquiry costs exclude fraud-related cardholder inquiry costs, which are counted as part of fraud-prevention costs.

⁴ Non-sufficient funds (NSF) handling costs.

⁵ Dual-message debit transactions is transactions initiated with non-prepaid debit cards processed over dual-message networks.

⁶ Single-message debit transactions is transactions initiated with non-prepaid debit cards processed over single-message networks.

⁷ Prepaid figures for low-volume issuers are not reported because of the small number of respondents in this category.

⁸ Covered issuer fraud losses for all transactions include covered issuers that could not allocate fraud losses among dual-message debit, single-message debit, and prepaid transactions.

Table 14: 2013 Covered issuer costs per transaction (\$) and fraud losses as share of transaction value (bp)

	<i>All covered issuers, transaction-weighted average</i>	<i>All covered issuers, issuer-weighted average</i>	<i>All covered issuers, issuer 25th percentile</i>	<i>All covered issuers, issuer 50th percentile</i>	<i>All covered issuers, issuer 75th percentile</i>	<i>High-volume issuers, transaction-weighted average</i>	<i>High-volume issuers, issuer-weighted average</i>	<i>High-volume issuers, issuer 25th percentile</i>	<i>High-volume issuers, issuer 50th percentile</i>	<i>High-volume issuers, issuer 75th percentile</i>	<i>Mid-volume issuers, transaction-weighted average</i>	<i>Mid-volume issuers, issuer-weighted average</i>	<i>Mid-volume issuers, issuer 25th percentile</i>	<i>Mid-volume issuers, issuer 50th percentile</i>	<i>Mid-volume issuers, issuer 75th percentile</i>	<i>Low-volume issuers, transaction-weighted average</i>	<i>Low-volume issuers, issuer-weighted average</i>	<i>Low-volume issuers, issuer 25th percentile</i>	<i>Low-volume issuers, issuer 50th percentile</i>	<i>Low-volume issuers, issuer 75th percentile</i>
All transactions																				
All transactions, ACS costs, excluding fraud losses ¹	0.044	3.426	0.069	0.149	0.422	0.041	0.062	0.039	0.052	0.076	0.122	0.254	0.079	0.149	0.239	0.706	12.194	0.443	1.253	3.469
All transactions, fraud-prevention costs ²	0.018	0.285	0.006	0.016	0.049	0.018	0.016	0.006	0.011	0.021	0.019	0.026	0.006	0.015	0.030	0.163	1.184	0.034	0.111	0.600
All transactions, cardholder inquiry costs ³	0.035	0.080	0.003	0.015	0.042	0.036	0.024	0.010	0.022	0.039	0.017	0.041	0.005	0.013	0.037	0.026	0.229	-	0.003	0.073
All transactions, reward program costs	0.003	0.013	-	-	<0.001	0.003	0.003	-	0.001	0.004	0.010	0.017	-	-	0.000	0.005	0.017	-	-	-
All transactions, NSF handling costs ⁴	0.007	0.004	-	<0.001	0.004	0.007	0.006	0.001	0.004	0.008	0.006	0.003	-	<0.001	0.003	0.007	0.002	-	-	-
All transactions, issuer fraud losses	0.019	0.082	0.012	0.020	0.058	0.018	0.019	0.012	0.016	0.022	0.029	0.044	0.015	0.022	0.063	0.149	0.210	-	0.046	0.163
<i>Dual-message debit transactions⁵</i>																				
Dual-message debit transactions, ACS costs, excluding fraud losses ^{1,5}	0.051	2.905	0.061	0.106	0.195	0.048	0.078	0.042	0.070	0.093	0.135	0.188	0.080	0.157	0.201	0.911	27.101	0.577	1.764	13.388
Dual-message debit transactions, fraud-prevention costs ^{2,5}	0.020	0.094	0.007	0.014	0.043	0.020	0.018	0.006	0.012	0.024	0.026	0.030	0.008	0.016	0.033	0.098	0.780	0.085	0.258	1.269
Dual-message debit transactions, cardholder inquiry costs ^{3,5}	0.035	0.031	0.004	0.016	0.041	0.035	0.026	0.010	0.023	0.041	0.016	0.024	0.004	0.013	0.023	0.029	0.072	-	0.002	0.053
Dual-message debit transactions, reward program costs ⁵	0.003	0.007	-	-	<0.001	0.003	0.003	-	0.000	0.004	0.013	0.012	-	-	0.000	-	-	-	-	-
Dual-message debit transactions, NSF handling costs ^{4,5}	0.007	0.004	-	<0.001	0.006	0.007	0.007	0.002	0.005	0.010	0.007	0.003	-	-	0.002	-	-	-	-	-
Dual-message debit transactions, issuer fraud losses ⁵	0.023	0.048	0.013	0.026	0.051	0.023	0.025	0.014	0.022	0.028	0.036	0.057	0.021	0.038	0.090	0.097	0.070	-	0.015	0.119
<i>Single-message debit transactions⁶</i>																				
Single-message debit transactions, ACS costs, excluding fraud losses ^{1,6}	0.024	6.771	0.034	0.062	0.153	0.023	0.042	0.017	0.036	0.056	0.070	0.142	0.040	0.075	0.149	1.844	49.234	1.848	2.495	17.373
Single-message debit transactions, fraud-prevention costs ^{2,6}	0.015	0.310	0.005	0.012	0.035	0.015	0.015	0.005	0.012	0.019	0.014	0.018	0.005	0.010	0.024	0.112	2.329	0.071	0.224	0.514
Single-message debit transactions, cardholder inquiry costs ^{3,6}	0.036	0.096	0.004	0.016	0.040	0.036	0.024	0.009	0.019	0.040	0.018	0.026	0.005	0.013	0.029	0.072	0.432	-	-	0.161
Single-message debit transactions, reward program costs ⁶	0.002	0.007	-	-	-	0.002	0.002	-	-	0.001	0.003	0.004	-	-	-	0.004	0.024	-	-	-
Single-message debit transactions, NSF handling costs ^{4,6}	0.007	0.003	-	-	0.003	0.007	0.007	0.001	0.003	0.009	0.003	0.002	-	-	0.002	-	-	-	-	-
Single-message debit transactions, issuer fraud losses ⁶	0.011	0.135	0.002	0.008	0.025	0.011	0.011	0.003	0.008	0.013	0.013	0.051	0.002	0.015	0.038	0.099	0.528	-	0.003	0.096
<i>Prepaid transactions⁷</i>																				
Prepaid transactions, ACS costs, excluding fraud losses ^{1,7}	0.103	0.395	0.092	0.168	0.310	0.102	0.251	0.093	0.166	0.278	0.420	0.561	0.052	0.246	0.412					
Prepaid transactions, fraud-prevention costs ^{2,7}	0.023	0.540	<0.001	0.005	0.024	0.023	0.017	0.001	0.005	0.024	0.007	0.005	-	<0.001	0.002					
Prepaid transactions, cardholder inquiry costs ^{3,7}	0.047	0.139	<0.001	0.051	0.190	0.047	0.124	0.008	0.062	0.195	0.002	0.057	-	<0.001	0.092					
Prepaid transactions, reward program costs ⁷	0.001	<0.001	-	-	-	0.001	<0.001	-	-	-	-	-	-	-	-					
Prepaid transactions, NSF handling costs ^{4,7}	0.002	0.004	-	-	-	0.002	0.006	-	-	0.002	-	-	-	-	-					
Prepaid transactions, issuer fraud losses ⁷	0.016	0.014	<0.001	0.009	0.019	0.016	0.016	0.008	0.012	0.019	0.009	0.013	-	<0.001	0.016					
Covered issuer fraud losses (bp),All transactions⁸	4.88	11.24	3.03	5.09	8.92	4.76	4.76	3.26	4.10	5.41	7.65	7.92	3.74	5.60	10.63	18.95	23.14	<0.01	6.22	25.88
<i>Covered issuer fraud losses (bp), Dual-message debit transactions^{5,8}</i>	<i>6.14</i>	<i>8.85</i>	<i>3.79</i>	<i>6.45</i>	<i>11.98</i>	<i>5.98</i>	<i>6.41</i>	<i>3.98</i>	<i>5.60</i>	<i>6.82</i>	<i>10.89</i>	<i>10.74</i>	<i>5.05</i>	<i>8.65</i>	<i>13.82</i>	<i>10.50</i>	<i>8.78</i>	<i><0.01</i>	<i>2.71</i>	<i>8.92</i>
<i>Covered issuer fraud losses (bp), Single-message debit transactions^{6,8}</i>	<i>2.73</i>	<i>10.72</i>	<i>0.39</i>	<i>1.88</i>	<i>5.20</i>	<i>2.70</i>	<i>2.56</i>	<i>0.72</i>	<i>1.92</i>	<i>2.97</i>	<i>3.84</i>	<i>8.11</i>	<i>0.43</i>	<i>3.00</i>	<i>7.05</i>	<i>14.12</i>	<i>30.32</i>	<i><0.01</i>	<i>0.30</i>	<i>9.10</i>
<i>Covered issuer fraud losses (bp), Prepaid transactions^{7,8}</i>	<i>5.28</i>	<i>4.24</i>	<i>0.11</i>	<i>2.80</i>	<i>5.20</i>	<i>5.31</i>	<i>5.24</i>	<i>2.26</i>	<i>3.48</i>	<i>5.25</i>	<i>3.69</i>	<i>3.27</i>	<i><0.01</i>	<i>0.14</i>	<i>4.31</i>					

1 Authorization, clearing, and settlement costs include transactions monitoring costs and exclude issuer fraud losses, which are reported separately. The transaction-weighted average for ACS costs excludes covered issuers that could not allocate among in-house, third-party, and network costs. The issuer-weighted average and issuer percentiles include all responses.

2 Fraud-prevention costs include fraud-related cardholder inquiry costs and exclude transactions monitoring costs, which are counted as part of ACS costs.

3 Cardholder inquiry costs exclude fraud-related cardholder inquiry costs, which are counted as part of fraud-prevention costs.

4 Non-sufficient funds (NSF) handling costs.

5 Dual-message debit transactions is transactions initiated with non-prepaid debit cards processed over dual-message networks.

6 Single-message debit transactions is transactions initiated with non-prepaid debit cards processed over single-message networks.

7 Prepaid figures for low-volume issuers are not reported because of the small number of respondents in this category.

8 Covered issuer fraud losses for all transactions include covered issuers that could not allocate fraud losses among dual-message debit, single-message debit, and prepaid transactions.

Table 14: 2011 Covered issuer costs per transaction (\$) and fraud losses as share of transaction value (bp)

	<i>All covered issuers, transaction-weighted average</i>	<i>All covered issuers, issuer-weighted average</i>	<i>All covered issuers, issuer 25th percentile</i>	<i>All covered issuers, issuer 50th percentile</i>	<i>All covered issuers, issuer 75th percentile</i>	<i>High-volume issuers, transaction-weighted average</i>	<i>High-volume issuers, issuer-weighted average</i>	<i>High-volume issuers, issuer 25th percentile</i>	<i>High-volume issuers, issuer 50th percentile</i>	<i>High-volume issuers, issuer 75th percentile</i>	<i>Mid-volume issuers, transaction-weighted average</i>	<i>Mid-volume issuers, issuer-weighted average</i>	<i>Mid-volume issuers, issuer 25th percentile</i>	<i>Mid-volume issuers, issuer 50th percentile</i>	<i>Mid-volume issuers, issuer 75th percentile</i>	<i>Low-volume issuers, transaction-weighted average</i>	<i>Low-volume issuers, issuer-weighted average</i>	<i>Low-volume issuers, issuer 25th percentile</i>	<i>Low-volume issuers, issuer 50th percentile</i>	<i>Low-volume issuers, issuer 75th percentile</i>
All transactions																				
All transactions, ACS costs, excluding fraud losses ¹	0.050	7.511	0.074	0.110	0.361	0.047	0.068	0.044	0.071	0.091	0.119	0.162	0.081	0.124	0.183	0.746	28.310	0.520	0.979	3.746
All transactions, fraud-prevention costs ²	0.019	0.270	0.007	0.015	0.039	0.019	0.018	0.007	0.012	0.021	0.013	0.021	0.006	0.010	0.022	0.055	0.900	0.016	0.076	0.483
All transactions, cardholder inquiry costs ³	0.044	0.031	<0.001	0.011	0.035	0.045	0.027	0.009	0.018	0.050	0.020	0.029	0.002	0.014	0.034	0.012	0.039	-	-	0.010
All transactions, reward program costs	0.030	0.019	-	-	0.007	0.030	0.020	<0.001	0.007	0.027	0.026	0.030	-	-	0.011	-	-	-	-	-
All transactions, NSF handling costs ⁴	0.007	0.003	-	<0.001	0.003	0.007	0.007	0.001	0.005	0.012	0.004	0.002	-	<0.001	0.003	<0.001	<0.001	-	-	-
All transactions, issuer fraud losses	0.018	0.044	0.011	0.020	0.047	0.018	0.022	0.012	0.017	0.023	0.023	0.039	0.014	0.022	0.036	0.083	0.076	-	0.012	0.091
<i>Dual-message debit transactions⁵</i>																				
Dual-message debit transactions, ACS costs, excluding fraud losses ^{1,5}	0.055	6.283	0.082	0.120	0.230	0.051	0.080	0.054	0.087	0.100	0.127	0.157	0.092	0.139	0.183	1.046	34.370	0.713	1.177	5.789
Dual-message debit transactions, fraud-prevention costs ^{2,5}	0.021	0.068	0.008	0.015	0.032	0.021	0.022	0.010	0.015	0.023	0.015	0.021	0.006	0.012	0.030	0.061	0.261	0.006	0.064	0.482
Dual-message debit transactions, cardholder inquiry costs ^{3,5}	0.045	0.032	<0.001	0.014	0.038	0.046	0.030	0.013	0.024	0.050	0.020	0.019	0.002	0.014	0.023	0.019	0.058	-	-	0.010
Dual-message debit transactions, reward program costs ⁵	0.042	0.025	-	-	0.009	0.042	0.026	<0.001	0.009	0.029	0.044	0.038	-	-	0.006	-	-	-	-	-
Dual-message debit transactions, NSF handling costs ^{4,5}	0.008	0.003	-	<0.001	0.004	0.008	0.008	0.003	0.006	0.013	0.005	0.002	-	<0.001	0.002	<0.001	<0.001	-	-	-
Dual-message debit transactions, issuer fraud losses ⁵	0.022	0.042	0.013	0.023	0.050	0.022	0.028	0.014	0.023	0.031	0.029	0.043	0.015	0.030	0.051	0.082	0.058	-	-	0.077
<i>Single-message debit transactions⁶</i>																				
Single-message debit transactions, ACS costs, excluding fraud losses ^{1,6}	0.031	1.820	0.038	0.072	0.183	0.029	0.050	0.032	0.045	0.064	0.073	0.129	0.050	0.083	0.141	0.781	9.464	0.374	1.050	3.756
Single-message debit transactions, fraud-prevention costs ^{2,6}	0.019	0.310	0.005	0.014	0.036	0.019	0.018	0.007	0.015	0.021	0.013	0.017	0.004	0.010	0.026	0.163	1.501	0.040	0.330	0.575
Single-message debit transactions, cardholder inquiry costs ^{3,6}	0.046	0.034	<0.001	0.014	0.038	0.047	0.028	0.009	0.018	0.048	0.024	0.019	0.002	0.015	0.026	0.034	0.069	-	-	0.005
Single-message debit transactions, reward program costs ⁶	0.006	0.004	-	-	-	0.006	0.006	-	-	<0.001	0.002	0.004	-	-	-	-	-	-	-	-
Single-message debit transactions, NSF handling costs ^{4,6}	0.006	0.003	-	-	0.003	0.006	0.007	<0.001	0.003	0.012	0.002	0.002	-	<0.001	0.002	<0.001	<0.001	-	-	-
Single-message debit transactions, issuer fraud losses ⁶	0.012	0.022	-	0.005	0.014	0.012	0.012	0.003	0.007	0.015	0.009	0.021	0.001	0.006	0.015	0.068	0.038	-	-	-
<i>Prepaid transactions⁷</i>																				
Prepaid transactions, ACS costs, excluding fraud losses ^{1,7}	0.122	0.436	0.084	0.186	0.498	0.117	0.233	0.068	0.174	0.350	0.700	0.827	0.089	0.749	0.951					
Prepaid transactions, fraud-prevention costs ^{2,7}	0.021	0.033	0.001	0.008	0.025	0.021	0.022	0.002	0.009	0.025	0.013	0.065	<0.001	0.007	0.022					
Prepaid transactions, cardholder inquiry costs ^{3,7}	0.051	0.101	<0.001	0.027	0.147	0.050	0.078	<0.001	0.025	0.099	0.192	0.161	0.009	0.097	0.164					
Prepaid transactions, reward program costs ⁷	<0.001	<0.001	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-					
Prepaid transactions, NSF handling costs ^{4,7}	<0.001	0.003	-	-	-	<0.001	0.003	-	-	-	0.010	0.004	-	-	-					
Prepaid transactions, issuer fraud losses ⁷	0.015	0.015	0.002	0.008	0.015	0.015	0.016	0.003	0.008	0.011	0.020	0.013	-	0.007	0.025					
Covered issuer fraud losses (bp), All transactions⁸	4.65	7.18	2.76	4.66	9.43	4.59	5.44	3.20	4.42	5.41	5.95	7.31	3.33	5.27	8.74	10.33	8.63	<0.01	2.63	13.14
<i>Covered issuer fraud losses (bp), All transactions^{5,8}</i>	<i>5.70</i>	<i>8.76</i>	<i>3.48</i>	<i>5.63</i>	<i>10.76</i>	<i>5.61</i>	<i>7.04</i>	<i>3.89</i>	<i>5.65</i>	<i>8.44</i>	<i>8.17</i>	<i>9.39</i>	<i>4.00</i>	<i>7.38</i>	<i>12.56</i>	<i>10.83</i>	<i>9.88</i>	<i><0.01</i>	<i><0.01</i>	<i>13.96</i>
<i>Covered issuer fraud losses (bp), Single-message debit transactions^{6,8}</i>	<i>2.74</i>	<i>3.40</i>	<i><0.01</i>	<i>1.13</i>	<i>3.18</i>	<i>2.77</i>	<i>2.72</i>	<i>0.75</i>	<i>1.74</i>	<i>3.44</i>	<i>1.96</i>	<i>3.65</i>	<i>0.30</i>	<i>1.48</i>	<i>3.63</i>	<i>6.46</i>	<i>3.82</i>	<i><0.01</i>	<i><0.01</i>	<i><0.01</i>
<i>Covered issuer fraud losses (bp), Prepaid transactions^{7,8}</i>	<i>5.33</i>	<i>4.97</i>	<i>0.93</i>	<i>2.69</i>	<i>3.70</i>	<i>5.34</i>	<i>5.53</i>	<i>1.14</i>	<i>3.08</i>	<i>3.70</i>	<i>3.90</i>	<i>3.72</i>	<i><0.01</i>	<i>2.16</i>	<i>3.81</i>					

1 Authorization, clearing, and settlement costs include transactions monitoring costs and exclude issuer fraud losses, which are reported separately. The transaction-weighted average for ACS costs excludes covered issuers that could not allocate among in-house, third-party, and network costs. The issuer-weighted average and issuer percentiles include all responses.

2 Fraud-prevention costs include fraud-related cardholder inquiry costs and exclude transactions monitoring costs, which are counted as part of ACS costs.

3 Cardholder inquiry costs exclude fraud-related cardholder inquiry costs, which are counted as part of fraud-prevention costs.

4 Non-sufficient funds (NSF) handling costs.

5 Dual-message debit transactions is transactions initiated with non-prepaid debit cards processed over dual-message networks.

6 Single-message debit transactions is transactions initiated with non-prepaid debit cards processed over single-message networks.

7 Prepaid figures for low-volume issuers are not reported because of the small number of respondents in this category.

8 Covered issuer fraud losses for all transactions include covered issuers that could not allocate fraud losses among dual-message debit, single-message debit, and prepaid transactions.

Table 15: Covered issuers with costs/losses below the levels permitted by the interchange fee standard and fraud-prevention adjustment

	<i>2011, % of covered issuers¹</i>	<i>2011, % of transactions represented²</i>	<i>2013, % of covered issuers¹</i>	<i>2013, % of transactions represented²</i>	<i>2015, % of covered issuers¹</i>	<i>2015, % of transactions represented²</i>
All covered issuers						
All covered issuers, total maximum interchange fee ³	63.8%	99.5%	63.0%	99.3%	62.8%	99.0%
All covered issuers, interchange fee standard ⁴	66.0%	99.6%	64.1%	99.3%	66.0%	99.2%
All covered issuers, fraud-prevention adjustment ⁵	40.1%	24.3%	38.4%	20.2%	30.4%	15.5%
High-volume issuers						
High-volume issuers, total maximum interchange fee ³	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
High-volume issuers, interchange fee standard ⁴	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
High-volume issuers, fraud-prevention adjustment ⁵	44.8%	22.5%	46.5%	18.7%	32.9%	14.6%
Mid-volume issuers						
Mid-volume issuers, total maximum interchange fee ³	75.6%	90.9%	64.3%	85.4%	60.5%	74.9%
Mid-volume issuers, interchange fee standard ⁴	78.0%	92.7%	64.3%	85.4%	67.4%	80.0%
Mid-volume issuers, fraud-prevention adjustment ⁵	50.0%	58.6%	41.0%	56.1%	30.0%	39.8%
Low-volume issuers						
Low-volume issuers, total maximum interchange fee ³	0.0%	0.0%	5.0%	9.2%	0.0%	0.0%
Low-volume issuers, interchange fee standard ⁴	4.2%	16.4%	10.0%	9.2%	0.0%	0.0%
Low-volume issuers, fraud-prevention adjustment ⁵	19.9%	36.1%	19.3%	32.2%	23.6%	34.1%

¹ Percentage of covered issuers in the relevant category with average ACS costs, including issuer fraud losses, and fraud-prevention costs below the level permitted by the interchange fee standard and the fraud-prevention adjustment. All covered issuers are included, but some of these issuers may not have been eligible for the fraud-prevention adjustment.

² Percentage of purchase transactions represented by covered issuers in the relevant category with average ACS costs, including fraud losses, and fraud-prevention costs below the level permitted by the interchange fee standard and the fraud-prevention adjustment. All covered issuer transactions are included although certain prepaid transactions were exempt from the interchange fee standard.

³ Average ACS costs, including issuer fraud losses, plus fraud-prevention costs per transaction of 22 cents plus 5 basis points of the issuer's average transaction value or less.

⁴ Average ACS costs, including issuer fraud losses, per transaction of 21 cents plus 5 basis points of the issuer's average transaction value or less.

⁵ Average fraud-prevention costs per transaction of 1 cent or less.