

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2022												
	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	38.2%	36.2%	\$45.40	\$0.64	1.41%	61.8%	63.8%	\$49.54	\$0.22	0.45%	\$47.96	\$0.38	0.80%
Discover	98.4%	97.7%	\$36.08	\$0.51	1.41%	1.6%	2.3%	\$52.44	\$0.24	0.47%	\$36.34	\$0.50	1.39%
MasterCard	51.1%	51.3%	\$50.11	\$0.68	1.37%	48.9%	48.7%	\$49.77	\$0.24	0.48%	\$49.95	\$0.47	0.93%
Visa	34.5%	31.6%	\$43.54	\$0.62	1.43%	65.5%	68.4%	\$49.49	\$0.22	0.45%	\$47.44	\$0.36	0.76%
Visa dual-message	32.5%	29.7%	\$43.44	\$0.64	1.48%	67.5%	70.3%	\$49.48	\$0.22	0.44%	\$47.51	\$0.36	0.75%
Visa single-message ¹¹	78.2%	75.9%	\$44.49	\$0.40	0.90%	21.8%	24.1%	\$50.52	\$0.25	0.49%	\$45.81	\$0.37	0.80%
Single-message¹²	40.3%	36.4%	\$39.98	\$0.27	0.67%	59.7%	63.6%	\$47.13	\$0.24	0.51%	\$44.25	\$0.25	0.57%
ACCEL	80.6%	79.4%	\$43.81	\$0.25	0.57%	19.4%	20.6%	\$47.43	\$0.24	0.51%	\$44.51	\$0.25	0.56%
AFFN	88.7%	86.7%	\$46.94	\$0.26	0.55%	11.3%	13.3%	\$56.65	\$0.17	0.30%	\$48.04	\$0.25	0.52%
Alaska Option ¹³													
ATH	23.4%	23.4%	\$43.51	\$0.23	0.53%	76.6%	76.6%	\$43.51	\$0.21	0.48%	\$43.51	\$0.21	0.49%
Culiance ¹⁴	100.0%	100.0%	\$44.96	\$0.25	0.56%	0.0%	0.0%	NA	NA	NA	\$44.96	\$0.25	0.56%
Interlink	20.8%	14.1%	\$31.76	\$0.36	1.14%	79.2%	85.9%	\$50.91	\$0.25	0.48%	\$46.92	\$0.27	0.57%
Jeanie	98.1%	97.9%	\$55.88	\$0.24	0.44%	1.9%	2.1%	\$61.45	\$0.21	0.34%	\$55.98	\$0.24	0.44%
Maestro	24.1%	21.8%	\$38.88	\$0.22	0.55%	75.9%	78.2%	\$44.16	\$0.24	0.55%	\$42.89	\$0.23	0.55%
NetWorks ¹⁵													
NYCE	78.1%	76.7%	\$42.47	\$0.32	0.75%	21.9%	23.3%	\$46.02	\$0.23	0.49%	\$43.25	\$0.30	0.69%
PULSE	63.3%	59.1%	\$40.89	\$0.30	0.74%	36.7%	40.9%	\$48.89	\$0.24	0.50%	\$43.83	\$0.28	0.64%
SHAZAM	96.5%	96.1%	\$36.16	\$0.24	0.67%	3.5%	3.9%	\$40.84	\$0.22	0.54%	\$36.32	\$0.24	0.66%
STAR	46.8%	43.5%	\$40.68	\$0.20	0.49%	53.2%	56.5%	\$46.48	\$0.24	0.51%	\$43.77	\$0.22	0.50%
UnionPay	89.1%	89.4%	\$37.23	\$0.42	1.14%	10.9%	10.6%	\$36.34	\$0.23	0.65%	\$37.13	\$0.40	1.09%
All Networks	38.8%	36.2%	\$43.70	\$0.52	1.20%	61.2%	63.8%	\$48.83	\$0.23	0.47%	\$46.84	\$0.34	0.73%

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	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	38.6%	36.5%	\$45.18	\$0.64	1.42%	61.4%	63.5%	\$49.39	\$0.23	0.46%	\$47.76	\$0.39	0.81%
Discover	95.3%	92.9%	\$31.79	\$0.45	1.42%	4.7%	7.1%	\$49.42	\$0.24	0.49%	\$32.62	\$0.44	1.35%
MasterCard	53.0%	51.9%	\$48.30	\$0.66	1.38%	47.0%	48.1%	\$50.37	\$0.24	0.47%	\$49.27	\$0.46	0.94%
Visa	34.1%	31.7%	\$43.96	\$0.63	1.44%	65.9%	68.3%	\$49.18	\$0.22	0.45%	\$47.40	\$0.36	0.76%
Visa dual-message	32.0%	29.7%	\$44.14	\$0.66	1.49%	68.0%	70.3%	\$49.19	\$0.22	0.45%	\$47.58	\$0.36	0.76%
Visa single-message ¹¹	78.2%	75.7%	\$42.44	\$0.40	0.93%	21.8%	24.3%	\$48.66	\$0.24	0.50%	\$43.80	\$0.36	0.83%
Single-message¹²	39.9%	37.1%	\$39.99	\$0.27	0.68%	60.1%	62.9%	\$45.03	\$0.24	0.53%	\$43.02	\$0.25	0.59%
ACCEL	82.9%	81.9%	\$43.33	\$0.24	0.56%	17.1%	18.1%	\$46.40	\$0.24	0.52%	\$43.86	\$0.24	0.56%
AFFN	88.7%	87.1%	\$38.43	\$0.25	0.65%	11.3%	12.9%	\$44.40	\$0.13	0.30%	\$39.10	\$0.24	0.60%
Alaska Option ¹³													
ATH	22.1%	22.0%	\$45.08	\$0.23	0.52%	77.9%	78.0%	\$45.44	\$0.20	0.44%	\$45.36	\$0.21	0.46%
Culiance ¹⁴	100.0%	100.0%	\$45.01	\$0.25	0.55%	0.0%	0.0%	NA	NA	NA	\$45.01	\$0.25	0.55%
Interlink	18.3%	13.7%	\$33.89	\$0.38	1.13%	81.7%	86.3%	\$47.62	\$0.24	0.51%	\$45.11	\$0.27	0.60%
Jeanie	99.4%	99.5%	\$47.99	\$0.24	0.51%	0.6%	0.5%	\$39.88	\$0.15	0.39%	\$47.94	\$0.24	0.51%
Maestro	26.4%	23.4%	\$35.89	\$0.22	0.62%	73.6%	76.6%	\$42.03	\$0.24	0.57%	\$40.41	\$0.24	0.58%
NetWorks ¹⁵													
NYCE	78.1%	77.1%	\$42.34	\$0.32	0.76%	21.9%	22.9%	\$44.80	\$0.23	0.51%	\$42.88	\$0.30	0.70%
PULSE	65.4%	62.4%	\$43.51	\$0.31	0.72%	34.6%	37.6%	\$49.48	\$0.24	0.49%	\$45.58	\$0.29	0.63%
SHAZAM	93.4%	92.8%	\$38.42	\$0.25	0.64%	6.6%	7.2%	\$41.92	\$0.22	0.52%	\$38.65	\$0.25	0.64%
STAR	42.4%	39.2%	\$39.87	\$0.19	0.48%	57.6%	60.8%	\$45.48	\$0.24	0.53%	\$43.10	\$0.22	0.51%
UnionPay	72.4%	63.8%	\$33.77	\$0.39	1.16%	27.6%	36.2%	\$50.30	\$0.23	0.46%	\$38.33	\$0.35	0.91%
All Networks	39.0%	36.7%	\$43.49	\$0.52	1.19%	61.0%	63.3%	\$48.02	\$0.23	0.48%	\$46.26	\$0.34	0.74%

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	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	39.0%	37.0%	\$42.53	\$0.60	1.40%	61.0%	63.0%	\$46.20	\$0.22	0.48%	\$44.77	\$0.37	0.83%
Discover	93.3%	91.3%	\$33.74	\$0.48	1.42%	6.7%	8.7%	\$44.25	\$0.24	0.55%	\$34.45	\$0.46	1.34%
MasterCard	54.6%	53.5%	\$45.02	\$0.63	1.39%	45.4%	46.5%	\$47.03	\$0.24	0.50%	\$45.93	\$0.45	0.98%
Visa	34.2%	31.9%	\$41.44	\$0.58	1.41%	65.8%	68.1%	\$46.04	\$0.22	0.48%	\$44.46	\$0.35	0.78%
Visa dual-message	32.0%	29.8%	\$41.55	\$0.61	1.47%	68.0%	70.2%	\$46.03	\$0.22	0.48%	\$44.59	\$0.35	0.78%
Visa single-message ¹¹	77.3%	74.7%	\$40.58	\$0.37	0.92%	22.7%	25.3%	\$46.75	\$0.24	0.52%	\$41.98	\$0.34	0.82%
Single-message¹²	40.0%	38.2%	\$39.32	\$0.26	0.65%	60.0%	61.8%	\$42.39	\$0.24	0.56%	\$41.16	\$0.25	0.60%
ACCEL	85.2%	84.8%	\$43.52	\$0.22	0.51%	14.8%	15.2%	\$44.76	\$0.24	0.54%	\$43.70	\$0.22	0.51%
AFFN	83.9%	77.4%	\$34.68	\$0.24	0.68%	16.1%	22.6%	\$53.02	\$0.15	0.27%	\$37.63	\$0.22	0.59%
Alaska Option ¹³													
ATH	20.8%	20.0%	\$40.72	\$0.20	0.49%	79.2%	80.0%	\$42.72	\$0.21	0.49%	\$42.31	\$0.21	0.49%
Culiance ¹⁴	100.0%	100.0%	\$43.58	\$0.22	0.50%	0.0%	0.0%	NA	NA	NA	\$43.58	\$0.22	0.50%
Interlink	16.8%	13.8%	\$35.88	\$0.38	1.05%	83.2%	86.2%	\$45.49	\$0.24	0.53%	\$43.87	\$0.27	0.61%
Jeanie	99.5%	99.6%	\$46.48	\$0.25	0.54%	0.5%	0.4%	\$38.23	\$0.22	0.58%	\$46.44	\$0.25	0.54%
Maestro	26.9%	25.4%	\$35.82	\$0.22	0.62%	73.1%	74.6%	\$38.65	\$0.24	0.62%	\$37.88	\$0.23	0.62%
NetWorks ¹⁵													
NYCE	77.3%	76.0%	\$39.57	\$0.31	0.79%	22.7%	24.0%	\$42.58	\$0.23	0.54%	\$40.25	\$0.29	0.73%
PULSE	64.9%	62.2%	\$41.79	\$0.29	0.69%	35.1%	37.8%	\$47.01	\$0.24	0.52%	\$43.62	\$0.27	0.62%
SHAZAM	92.9%	92.0%	\$36.99	\$0.25	0.67%	7.1%	8.0%	\$42.24	\$0.21	0.51%	\$37.36	\$0.25	0.66%
STAR	43.3%	40.3%	\$38.41	\$0.18	0.48%	56.7%	59.7%	\$43.44	\$0.24	0.55%	\$41.26	\$0.21	0.52%
UnionPay	100.0%	100.0%	\$36.32	\$0.37	1.03%	0.0%	0.0%	NA	NA	NA	\$36.32	\$0.37	1.03%
All Networks	39.3%	37.4%	\$41.41	\$0.48	1.15%	60.7%	62.6%	\$44.91	\$0.23	0.51%	\$43.54	\$0.33	0.75%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2019												
	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	37.4%	36.0%	\$38.47	\$0.54	1.41%	62.6%	64.0%	\$40.93	\$0.22	0.54%	\$40.01	\$0.34	0.85%
Discover	95.1%	93.9%	\$31.73	\$0.41	1.30%	4.9%	6.1%	\$39.91	\$0.24	0.60%	\$32.13	\$0.40	1.26%
MasterCard	54.0%	53.4%	\$40.62	\$0.59	1.46%	46.0%	46.6%	\$41.62	\$0.23	0.56%	\$41.08	\$0.43	1.04%
Visa	32.3%	30.5%	\$37.50	\$0.52	1.39%	67.7%	69.5%	\$40.79	\$0.22	0.54%	\$39.73	\$0.32	0.80%
Visa dual-message	30.0%	28.3%	\$37.56	\$0.54	1.44%	70.0%	71.7%	\$40.74	\$0.22	0.54%	\$39.79	\$0.31	0.79%
Visa single-message ¹¹	76.5%	73.5%	\$37.06	\$0.37	0.99%	23.5%	26.5%	\$43.34	\$0.24	0.56%	\$38.54	\$0.34	0.87%
Single-message¹²	36.3%	34.7%	\$36.01	\$0.25	0.69%	63.7%	65.3%	\$38.56	\$0.24	0.61%	\$37.64	\$0.24	0.64%
ACCEL	82.1%	81.1%	\$39.28	\$0.22	0.55%	17.9%	18.9%	\$41.97	\$0.24	0.57%	\$39.76	\$0.22	0.55%
AFFN	82.0%	72.9%	\$31.98	\$0.23	0.72%	18.0%	27.1%	\$54.14	\$0.16	0.30%	\$35.96	\$0.22	0.61%
Alaska Option ¹³													
ATH	17.4%	20.0%	\$40.56	\$0.20	0.49%	82.6%	80.0%	\$34.27	\$0.20	0.59%	\$35.37	\$0.20	0.57%
Culiance ¹⁴	100.0%	100.0%	\$42.05	\$0.24	0.57%	0.0%	0.0%	NA	NA	NA	\$42.05	\$0.24	0.57%
Interlink	13.8%	10.8%	\$31.21	\$0.35	1.12%	86.2%	89.2%	\$41.03	\$0.24	0.59%	\$39.67	\$0.26	0.64%
Jeanie	99.6%	99.7%	\$45.79	\$0.25	0.54%	0.4%	0.3%	\$38.70	\$0.17	0.45%	\$45.76	\$0.25	0.54%
Maestro	21.4%	19.2%	\$31.12	\$0.22	0.72%	78.6%	80.8%	\$35.64	\$0.24	0.66%	\$34.67	\$0.23	0.67%
NetWorks ¹⁵													
NYCE	79.8%	79.1%	\$37.18	\$0.30	0.80%	20.2%	20.9%	\$38.78	\$0.22	0.57%	\$37.51	\$0.28	0.76%
PULSE	62.5%	60.9%	\$39.30	\$0.28	0.70%	37.5%	39.1%	\$42.01	\$0.24	0.57%	\$40.32	\$0.26	0.65%
SHAZAM	87.5%	86.7%	\$34.31	\$0.26	0.74%	12.5%	13.3%	\$36.69	\$0.21	0.58%	\$34.61	\$0.25	0.72%
STAR	46.9%	44.6%	\$35.92	\$0.20	0.57%	53.1%	55.4%	\$39.44	\$0.24	0.60%	\$37.79	\$0.22	0.58%
UnionPay	100.0%	100.0%	\$31.68	\$0.36	1.13%	0.0%	0.0%	NA	NA	NA	\$31.68	\$0.36	1.13%
All Networks	37.0%	35.6%	\$37.64	\$0.44	1.18%	63.0%	64.4%	\$40.10	\$0.23	0.56%	\$39.19	\$0.31	0.78%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2018												
	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	37.4%	36.2%	\$38.04	\$0.54	1.41%	62.6%	63.8%	\$40.07	\$0.22	0.56%	\$39.31	\$0.34	0.87%
Discover	96.4%	96.1%	\$36.82	\$0.53	1.44%	3.6%	3.9%	\$39.32	\$0.24	0.61%	\$36.91	\$0.52	1.41%
MasterCard	55.0%	54.2%	\$39.53	\$0.58	1.47%	45.0%	45.8%	\$40.88	\$0.23	0.57%	\$40.14	\$0.42	1.06%
Visa	32.1%	30.6%	\$37.30	\$0.51	1.38%	67.9%	69.4%	\$39.92	\$0.22	0.55%	\$39.08	\$0.31	0.81%
Visa dual-message	29.7%	28.3%	\$37.29	\$0.53	1.43%	70.3%	71.7%	\$39.87	\$0.22	0.55%	\$39.10	\$0.31	0.80%
Visa single-message ¹¹	76.1%	73.6%	\$37.33	\$0.36	0.96%	23.9%	26.4%	\$42.54	\$0.24	0.57%	\$38.58	\$0.33	0.86%
Single-message¹²	36.7%	35.6%	\$37.23	\$0.25	0.67%	63.3%	64.4%	\$39.00	\$0.24	0.61%	\$38.35	\$0.24	0.63%
ACCEL	93.0%	92.8%	\$40.10	\$0.21	0.52%	7.0%	7.2%	\$41.63	\$0.24	0.57%	\$40.21	\$0.21	0.53%
AFFN	88.3%	82.5%	\$34.13	\$0.25	0.72%	11.7%	17.5%	\$54.77	\$0.20	0.37%	\$36.54	\$0.24	0.66%
Alaska Option ¹³													
ATH	16.9%	20.0%	\$46.77	\$0.21	0.45%	83.1%	80.0%	\$38.10	\$0.20	0.53%	\$39.57	\$0.20	0.51%
Culiance ¹⁴	100.0%	100.0%	\$46.89	\$0.26	0.55%	0.0%	0.0%	NA	NA	NA	\$46.89	\$0.26	0.55%
Interlink	12.1%	10.0%	\$32.44	\$0.35	1.09%	87.9%	90.0%	\$40.28	\$0.24	0.60%	\$39.33	\$0.25	0.65%
Jeanie	99.7%	99.7%	\$46.41	\$0.25	0.54%	0.3%	0.3%	\$43.72	\$0.15	0.34%	\$46.41	\$0.25	0.54%
Maestro	19.9%	18.1%	\$32.27	\$0.24	0.75%	80.1%	81.9%	\$36.27	\$0.24	0.65%	\$35.47	\$0.24	0.67%
NetWorks ¹⁵													
NYCE	83.1%	82.0%	\$38.00	\$0.30	0.80%	16.9%	18.0%	\$40.99	\$0.22	0.53%	\$38.51	\$0.29	0.75%
PULSE	61.9%	60.1%	\$40.86	\$0.27	0.67%	38.1%	39.9%	\$44.07	\$0.24	0.55%	\$42.08	\$0.26	0.62%
SHAZAM	82.6%	79.9%	\$34.96	\$0.26	0.73%	17.4%	20.1%	\$41.53	\$0.21	0.50%	\$36.11	\$0.25	0.69%
STAR	49.7%	46.6%	\$36.06	\$0.20	0.54%	50.3%	53.4%	\$40.76	\$0.24	0.58%	\$38.42	\$0.22	0.56%
UnionPay	100.0%	100.0%	\$3.54	\$0.02	0.44%	0.0%	0.0%	NA	NA	NA	\$3.54	\$0.02	0.44%
All Networks	37.2%	36.0%	\$37.76	\$0.44	1.16%	62.8%	64.0%	\$39.69	\$0.23	0.57%	\$38.98	\$0.31	0.78%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2017												
	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	37.6%	36.6%	\$37.31	\$0.52	1.40%	62.4%	63.4%	\$38.90	\$0.22	0.58%	\$38.30	\$0.34	0.88%
Discover	99.9%	99.9%	\$38.22	\$0.57	1.49%	0.1%	0.1%	\$31.20	\$0.23	0.75%	\$38.21	\$0.57	1.49%
MasterCard	56.0%	55.4%	\$38.87	\$0.58	1.49%	44.0%	44.6%	\$39.71	\$0.23	0.59%	\$39.24	\$0.43	1.09%
Visa	32.1%	30.9%	\$36.52	\$0.49	1.35%	67.9%	69.1%	\$38.75	\$0.22	0.57%	\$38.03	\$0.31	0.82%
Visa dual-message													
Visa single-message ¹¹													
Single-message¹²	35.6%	34.9%	\$37.27	\$0.25	0.67%	64.4%	65.1%	\$38.54	\$0.24	0.61%	\$38.08	\$0.24	0.63%
ACCEL	85.3%	85.1%	\$41.75	\$0.21	0.51%	14.7%	14.9%	\$42.62	\$0.24	0.56%	\$41.88	\$0.22	0.52%
AFFN	90.1%	86.5%	\$37.85	\$0.24	0.64%	9.9%	13.5%	\$54.13	\$0.20	0.36%	\$39.45	\$0.24	0.61%
Alaska Option ¹³													
ATH	16.3%	20.0%	\$44.22	\$0.20	0.45%	83.7%	80.0%	\$34.54	\$0.20	0.57%	\$36.12	\$0.20	0.54%
Culiance ¹⁴	99.3%	99.3%	\$47.22	\$0.23	0.48%	0.7%	0.7%	\$43.33	\$0.20	0.47%	\$47.20	\$0.23	0.48%
Interlink	11.0%	9.2%	\$32.06	\$0.35	1.09%	89.0%	90.8%	\$39.07	\$0.24	0.61%	\$38.30	\$0.25	0.66%
Jeanie	99.6%	99.6%	\$45.53	\$0.25	0.55%	0.4%	0.4%	\$47.21	\$0.16	0.34%	\$45.54	\$0.25	0.55%
Maestro	18.8%	17.7%	\$33.69	\$0.25	0.73%	81.2%	82.3%	\$36.35	\$0.24	0.65%	\$35.85	\$0.24	0.66%
NetWorks ¹⁵	33.5%	34.8%	\$34.94	\$0.32	0.93%	66.5%	65.2%	\$32.95	\$0.24	0.72%	\$33.61	\$0.27	0.79%
NYCE	82.3%	80.7%	\$36.20	\$0.29	0.80%	17.7%	19.3%	\$40.27	\$0.23	0.56%	\$36.92	\$0.28	0.75%
PULSE	61.4%	59.2%	\$40.09	\$0.28	0.70%	38.6%	40.8%	\$43.89	\$0.24	0.55%	\$41.55	\$0.26	0.64%
SHAZAM	77.9%	74.1%	\$34.45	\$0.25	0.73%	22.1%	25.9%	\$42.43	\$0.17	0.40%	\$36.22	\$0.23	0.65%
STAR	48.3%	45.5%	\$36.20	\$0.19	0.54%	51.7%	54.5%	\$40.49	\$0.24	0.58%	\$38.42	\$0.22	0.56%
UnionPay	100.0%	100.0%	\$10.19	\$0.11	1.10%	0.0%	0.0%	NA	NA	NA	\$10.19	\$0.11	1.10%
All Networks	36.9%	36.0%	\$37.29	\$0.43	1.15%	63.1%	64.0%	\$38.77	\$0.23	0.59%	\$38.23	\$0.30	0.79%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2016												
	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	37.8%	36.7%	\$36.48	\$0.51	1.39%	62.2%	63.3%	\$38.24	\$0.23	0.59%	\$37.58	\$0.33	0.89%
Discover	99.8%	99.8%	\$40.73	\$0.65	1.59%	0.2%	0.2%	\$33.61	\$0.23	0.70%	\$40.72	\$0.65	1.59%
MasterCard	53.0%	52.6%	\$37.97	\$0.56	1.49%	47.0%	47.4%	\$38.56	\$0.24	0.61%	\$38.25	\$0.41	1.07%
Visa	33.0%	31.6%	\$35.73	\$0.48	1.34%	67.0%	68.4%	\$38.17	\$0.22	0.59%	\$37.37	\$0.31	0.83%
Visa dual-message													
Visa single-message ¹¹													
Single-message¹²	35.6%	35.0%	\$37.65	\$0.26	0.68%	64.4%	65.0%	\$38.72	\$0.24	0.61%	\$38.34	\$0.24	0.64%
ACCEL	94.4%	93.6%	\$39.82	\$0.24	0.60%	5.6%	6.4%	\$46.15	\$0.24	0.53%	\$40.18	\$0.24	0.59%
AFFN	88.7%	83.7%	\$34.61	\$0.24	0.69%	11.3%	16.3%	\$52.84	\$0.20	0.38%	\$36.67	\$0.24	0.64%
Alaska Option ¹³													
ATH	16.0%	20.0%	\$43.79	\$0.21	0.48%	84.0%	80.0%	\$33.31	\$0.20	0.59%	\$34.99	\$0.20	0.57%
Culiance ¹⁴	99.4%	99.4%	\$46.62	\$0.23	0.49%	0.6%	0.6%	\$42.13	\$0.21	0.51%	\$46.59	\$0.23	0.49%
Interlink	10.2%	9.0%	\$33.16	\$0.35	1.05%	89.8%	91.0%	\$38.06	\$0.24	0.63%	\$37.57	\$0.25	0.67%
Jeanie	92.3%	92.0%	\$46.04	\$0.26	0.56%	7.7%	8.0%	\$47.87	\$0.23	0.48%	\$46.18	\$0.25	0.55%
Maestro	20.5%	19.9%	\$35.93	\$0.26	0.74%	79.5%	80.1%	\$37.17	\$0.24	0.64%	\$36.92	\$0.24	0.66%
NetWorks ¹⁵	34.5%	31.8%	\$30.05	\$0.31	1.03%	65.5%	68.2%	\$33.85	\$0.24	0.70%	\$32.54	\$0.26	0.81%
NYCE	72.3%	70.4%	\$37.21	\$0.29	0.78%	27.7%	29.6%	\$40.73	\$0.23	0.57%	\$38.18	\$0.28	0.72%
PULSE	61.8%	58.7%	\$38.72	\$0.28	0.73%	38.2%	41.3%	\$44.11	\$0.24	0.54%	\$40.78	\$0.27	0.66%
SHAZAM	81.4%	76.5%	\$34.50	\$0.25	0.72%	18.6%	23.5%	\$46.43	\$0.16	0.34%	\$36.71	\$0.23	0.63%
STAR	49.2%	46.4%	\$37.70	\$0.20	0.54%	50.8%	53.6%	\$42.20	\$0.23	0.56%	\$39.98	\$0.22	0.55%
UnionPay	100.0%	100.0%	\$43.29	\$0.18	0.41%	0.0%	0.0%	NA	NA	NA	\$43.29	\$0.18	0.41%
All Networks	37.0%	36.1%	\$36.87	\$0.42	1.15%	63.0%	63.9%	\$38.41	\$0.23	0.60%	\$37.84	\$0.30	0.80%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2015												
	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	38.2%	37.0%	\$36.49	\$0.51	1.39%	61.8%	63.0%	\$38.38	\$0.23	0.60%	\$37.66	\$0.34	0.89%
Discover	99.6%	99.5%	\$41.67	\$0.65	1.56%	0.4%	0.5%	\$43.38	\$0.24	0.55%	\$41.67	\$0.65	1.55%
MasterCard	50.8%	50.3%	\$37.98	\$0.57	1.50%	49.2%	49.7%	\$38.77	\$0.24	0.61%	\$38.37	\$0.41	1.06%
Visa	34.2%	32.7%	\$35.77	\$0.48	1.34%	65.8%	67.3%	\$38.29	\$0.23	0.59%	\$37.43	\$0.31	0.84%
Visa dual-message													
Visa single-message ¹¹													
Single-message¹²	35.2%	35.1%	\$39.04	\$0.26	0.65%	64.8%	64.9%	\$39.36	\$0.24	0.60%	\$39.25	\$0.24	0.62%
ACCEL	93.2%	92.8%	\$43.26	\$0.21	0.48%	6.8%	7.2%	\$45.66	\$0.24	0.53%	\$43.43	\$0.21	0.49%
AFFN	88.3%	86.9%	\$34.55	\$0.25	0.72%	11.7%	13.1%	\$39.48	\$0.21	0.54%	\$35.12	\$0.25	0.70%
Alaska Option ¹³													
ATH	14.2%	20.0%	\$50.58	\$0.25	0.50%	85.8%	80.0%	\$33.44	\$0.19	0.57%	\$35.87	\$0.20	0.56%
Culiance ¹⁴	99.5%	99.5%	\$48.17	\$0.23	0.47%	0.5%	0.5%	\$42.93	\$0.20	0.47%	\$48.14	\$0.23	0.47%
Interlink	10.2%	9.4%	\$35.43	\$0.35	0.99%	89.8%	90.6%	\$38.95	\$0.24	0.61%	\$38.59	\$0.25	0.65%
Jeanie	89.7%	88.9%	\$46.13	\$0.19	0.42%	10.3%	11.1%	\$49.73	\$0.19	0.38%	\$46.50	\$0.19	0.41%
Maestro	17.0%	16.9%	\$36.77	\$0.27	0.72%	83.0%	83.1%	\$37.14	\$0.24	0.64%	\$37.07	\$0.24	0.65%
NetWorks ¹⁵	25.7%	22.8%	\$28.30	\$0.30	1.06%	74.3%	77.2%	\$33.01	\$0.24	0.72%	\$31.80	\$0.25	0.79%
NYCE	65.7%	63.2%	\$38.04	\$0.29	0.77%	34.3%	36.8%	\$42.31	\$0.23	0.55%	\$39.51	\$0.27	0.69%
PULSE	59.3%	56.6%	\$38.63	\$0.29	0.74%	40.7%	43.4%	\$43.05	\$0.24	0.55%	\$40.43	\$0.27	0.66%
SHAZAM	79.2%	73.7%	\$35.92	\$0.26	0.72%	20.8%	26.3%	\$48.75	\$0.16	0.33%	\$38.59	\$0.24	0.61%
STAR	49.9%	47.5%	\$38.95	\$0.22	0.56%	50.1%	52.5%	\$42.95	\$0.24	0.55%	\$40.95	\$0.23	0.55%
UnionPay	100.0%	100.0%	\$4.22	\$0.02	0.38%	0.0%	0.0%	NA	NA	NA	\$4.22	\$0.02	0.38%
All Networks	37.2%	36.3%	\$37.32	\$0.43	1.14%	62.8%	63.7%	\$38.73	\$0.23	0.60%	\$38.20	\$0.30	0.80%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2014												
	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	38.6%	37.3%	\$36.59	\$0.50	1.38%	61.4%	62.7%	\$38.69	\$0.23	0.60%	\$37.88	\$0.34	0.89%
Discover	98.9%	99.0%	\$46.97	\$0.75	1.60%	1.1%	1.0%	\$41.03	\$0.24	0.58%	\$46.90	\$0.75	1.59%
MasterCard	50.6%	49.6%	\$37.68	\$0.56	1.49%	49.4%	50.4%	\$39.22	\$0.24	0.60%	\$38.44	\$0.40	1.04%
Visa	34.9%	33.4%	\$36.07	\$0.48	1.33%	65.1%	66.6%	\$38.57	\$0.23	0.60%	\$37.70	\$0.32	0.84%
Visa dual-message													
Visa single-message ¹¹													
Single-message¹²	34.8%	34.5%	\$39.67	\$0.26	0.67%	65.2%	65.5%	\$40.27	\$0.24	0.59%	\$40.06	\$0.25	0.62%
ACCEL	87.1%	85.7%	\$41.43	\$0.22	0.53%	12.9%	14.3%	\$46.64	\$0.20	0.44%	\$42.10	\$0.22	0.52%
AFFN	88.4%	87.4%	\$40.69	\$0.26	0.64%	11.6%	12.6%	\$44.79	\$0.19	0.43%	\$41.16	\$0.25	0.62%
Alaska Option ¹³	100.0%	100.0%	\$51.81	\$0.18	0.35%	0.0%	0.0%	NA	NA	NA	\$51.81	\$0.18	0.35%
ATH	19.9%	20.0%	\$37.59	\$0.23	0.61%	80.1%	80.0%	\$37.37	\$0.17	0.45%	\$37.41	\$0.18	0.49%
Culiance ¹⁴	99.0%	98.9%	\$52.65	\$0.25	0.47%	1.0%	1.1%	\$58.60	\$0.24	0.41%	\$52.71	\$0.25	0.47%
Interlink	11.9%	11.4%	\$37.00	\$0.35	0.95%	88.1%	88.6%	\$38.92	\$0.24	0.62%	\$38.69	\$0.25	0.65%
Jeanie	84.9%	84.2%	\$45.94	\$0.25	0.54%	15.1%	15.8%	\$48.73	\$0.18	0.36%	\$46.36	\$0.24	0.51%
Maestro	16.7%	15.1%	\$35.42	\$0.25	0.69%	83.3%	84.9%	\$39.84	\$0.24	0.61%	\$39.11	\$0.24	0.62%
NetWorks ¹⁵	27.8%	26.7%	\$30.10	\$0.29	0.96%	72.2%	73.3%	\$31.78	\$0.24	0.74%	\$31.31	\$0.25	0.80%
NYCE	60.9%	59.9%	\$38.54	\$0.29	0.76%	39.1%	40.1%	\$40.21	\$0.23	0.58%	\$39.19	\$0.27	0.69%
PULSE	46.0%	44.9%	\$40.83	\$0.30	0.74%	54.0%	55.1%	\$42.75	\$0.24	0.56%	\$41.87	\$0.27	0.64%
SHAZAM	79.6%	74.8%	\$37.28	\$0.26	0.71%	20.4%	25.2%	\$48.92	\$0.16	0.33%	\$39.66	\$0.24	0.61%
STAR	56.5%	55.0%	\$40.83	\$0.24	0.58%	43.5%	45.0%	\$43.38	\$0.24	0.54%	\$41.94	\$0.24	0.56%
UnionPay	100.0%	100.0%	\$13.80	\$0.05	0.39%	0.0%	0.0%	NA	NA	NA	\$13.80	\$0.05	0.39%
All Networks	37.3%	36.3%	\$37.58	\$0.43	1.14%	62.7%	63.7%	\$39.26	\$0.23	0.59%	\$38.63	\$0.31	0.79%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2013												
	Exempt transactions ²					Covered transactions ³					All transactions (exempt and covered transactions) ⁴		
	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ⁵	% of total value of transactions ⁶	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	38.3%	36.9%	\$36.14	\$0.50	1.38%	61.7%	63.1%	\$38.37	\$0.23	0.60%	\$37.52	\$0.33	0.89%
Discover	97.1%	97.8%	\$52.23	\$0.73	1.40%	2.9%	2.2%	\$40.11	\$0.24	0.59%	\$51.88	\$0.72	1.38%
MasterCard	49.4%	48.4%	\$37.23	\$0.55	1.49%	50.6%	51.6%	\$38.68	\$0.24	0.61%	\$37.97	\$0.39	1.04%
Visa	34.9%	33.3%	\$35.65	\$0.47	1.33%	65.1%	66.7%	\$38.29	\$0.23	0.60%	\$37.37	\$0.31	0.84%
Visa dual-message													
Visa single-message ¹¹													
Single-message¹²	34.8%	35.2%	\$40.81	\$0.28	0.68%	65.2%	64.8%	\$40.12	\$0.24	0.59%	\$40.36	\$0.25	0.62%
ACCEL	87.7%	87.1%	\$42.28	\$0.26	0.61%	12.3%	12.9%	\$44.37	\$0.19	0.42%	\$42.54	\$0.25	0.59%
AFFN	82.9%	79.6%	\$41.09	\$0.27	0.65%	17.1%	20.4%	\$50.91	\$0.19	0.37%	\$42.77	\$0.25	0.59%
Alaska Option ¹³	100.0%	100.0%	\$50.71	\$0.18	0.35%	0.0%	0.0%	NA	NA	NA	\$50.71	\$0.18	0.35%
ATH	18.5%	17.8%	\$37.13	\$0.25	0.68%	81.5%	82.2%	\$38.78	\$0.17	0.44%	\$38.48	\$0.19	0.48%
Culiance ¹⁴	98.4%	98.1%	\$48.26	\$0.23	0.47%	1.6%	1.9%	\$60.13	\$0.21	0.34%	\$48.45	\$0.23	0.47%
Interlink	12.2%	11.3%	\$36.15	\$0.36	0.98%	87.8%	88.7%	\$39.45	\$0.24	0.61%	\$39.05	\$0.25	0.65%
Jeanie	60.0%	59.7%	\$47.08	\$0.28	0.60%	40.0%	40.3%	\$47.65	\$0.15	0.31%	\$47.31	\$0.23	0.48%
Maestro	14.1%	14.2%	\$39.19	\$0.25	0.65%	85.9%	85.8%	\$38.96	\$0.24	0.61%	\$38.99	\$0.24	0.62%
NetWorks ¹⁵	28.6%	27.2%	\$29.96	\$0.30	0.99%	71.4%	72.8%	\$32.21	\$0.24	0.73%	\$31.56	\$0.25	0.80%
NYCE	60.6%	59.5%	\$39.72	\$0.29	0.74%	39.4%	40.5%	\$41.53	\$0.23	0.56%	\$40.43	\$0.27	0.67%
PULSE	48.5%	47.7%	\$40.82	\$0.30	0.74%	51.5%	52.3%	\$42.23	\$0.24	0.56%	\$41.54	\$0.27	0.65%
SHAZAM	81.2%	77.7%	\$38.40	\$0.26	0.69%	18.8%	22.3%	\$47.73	\$0.17	0.35%	\$40.15	\$0.25	0.61%
STAR	57.4%	57.4%	\$42.56	\$0.25	0.60%	42.6%	42.6%	\$42.66	\$0.24	0.56%	\$42.60	\$0.25	0.58%
UnionPay	100.0%	100.0%	\$9.78	\$0.04	0.38%	0.0%	0.0%	NA	NA	NA	\$9.78	\$0.04	0.38%
All Networks	37.1%	36.3%	\$37.66	\$0.43	1.13%	62.9%	63.7%	\$38.99	\$0.23	0.60%	\$38.50	\$0.30	0.79%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	2012 ¹⁶												
	Exempt issuers ¹⁹					Covered issuers ²⁰					All issuers ²¹		
	% of total number of transactions ²²	% of total value of transactions ²³	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ²²	% of total value of transactions ²³	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	34.2%	33.0%	\$36.22	\$0.51	1.40%	65.8%	67.0%	\$38.16	\$0.25	0.64%	\$37.49	\$0.33	0.89%
Discover				\$1.07	1.23%				\$0.20	0.58%		\$1.02	1.21%
MasterCard				\$0.57	1.52%				\$0.26	0.68%		\$0.40	1.04%
Visa				\$0.48	1.35%				\$0.24	0.63%		\$0.31	0.84%
Visa dual-message													
Visa single-message ¹¹													
Single-message¹²	34.0%	35.2%	\$43.08	\$0.30	0.69%	66.0%	64.8%	\$40.92	\$0.24	0.58%	\$41.65	\$0.26	0.62%
ACCEL				\$0.28	0.68%				\$0.20	0.44%		\$0.28	0.66%
AFFN				\$0.57	1.42%				\$0.19	0.43%		\$0.22	0.51%
Alaska Option ¹³				\$0.12	0.25%				NR	NR		\$0.12	0.25%
ATH				\$0.24	0.64%				\$0.18	0.47%		\$0.19	0.50%
Culiance ¹⁴				\$0.21	0.44%				\$0.20	0.35%		\$0.21	0.43%
Interlink				\$0.34	0.87%				\$0.24	0.61%		\$0.25	0.64%
Jeanie				\$0.26	0.56%				\$0.18	0.40%		\$0.22	0.48%
Maestro				\$0.33	0.61%				\$0.24	0.60%		\$0.25	0.60%
NetWorks ¹⁵				\$0.32	0.95%				\$0.24	0.72%		\$0.26	0.79%
NYCE				\$0.32	0.73%				\$0.23	0.52%		\$0.28	0.65%
PULSE				\$0.31	0.75%				\$0.24	0.57%		\$0.27	0.66%
SHAZAM				\$0.28	0.72%				\$0.19	0.43%		\$0.26	0.65%
STAR				\$0.29	0.66%				\$0.24	0.55%		\$0.27	0.62%
UnionPay													
All Networks	34.1%	33.8%	\$38.68	\$0.43	1.12%	65.9%	66.2%	\$39.15	\$0.24	0.62%	\$38.99	\$0.31	0.79%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	October 1-December 31, 2011 ^{16,17}												
	Exempt issuers ¹⁹					Covered issuers ²⁰					All issuers ²¹		
	% of total number of transactions ²²	% of total value of transactions ²³	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ²	% of total value of transactions ³	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	32.4%	31.0%	\$35.57	\$0.51	1.44%	67.6%	69.0%	\$38.00	\$0.24	0.64%	\$37.21	\$0.33	0.88%
Discover				\$0.42	1.43%				\$0.17	0.56%		\$0.38	1.27%
MasterCard				\$0.55	1.50%				\$0.26	0.66%		\$0.38	1.01%
Visa				\$0.49	1.41%				\$0.24	0.63%		\$0.31	0.85%
Visa dual-message													
Visa single-message ¹¹													
Single-message¹²	39.6%	39.9%	\$42.78	\$0.31	0.72%	60.4%	60.1%	\$42.13	\$0.23	0.55%	\$42.39	\$0.26	0.62%
ACCEL				\$0.31	0.72%				\$0.21	0.41%		\$0.31	0.70%
AFFN				\$0.24	0.75%				\$0.20	0.31%		\$0.23	0.54%
Alaska Option ¹³				\$0.15	0.28%				NR	0.27%		\$0.15	0.28%
ATH				\$0.30	0.80%				\$0.17	0.47%		\$0.20	0.52%
Culiance ¹⁴				\$0.21	0.46%				\$0.18	0.29%		\$0.21	0.45%
Interlink				\$0.31	0.78%				\$0.23	0.57%		\$0.24	0.58%
Jeanie				\$0.25	0.50%				\$0.18	0.38%		\$0.22	0.45%
Maestro				\$0.27	0.64%				\$0.24	0.54%		\$0.25	0.59%
NetWorks ¹⁵				\$0.33	0.97%				\$0.24	0.71%		\$0.28	0.82%
NYCE				\$0.34	0.77%				\$0.23	0.49%		\$0.30	0.67%
PULSE				\$0.33	0.81%				\$0.24	0.56%		\$0.29	0.69%
SHAZAM				\$0.29	0.72%				\$0.19	0.43%		\$0.26	0.64%
STAR				\$0.32	0.72%				\$0.24	0.53%		\$0.30	0.67%
UnionPay													
All Networks	35.1%	34.6%	\$38.61	\$0.43	1.10%	64.9%	65.4%	\$39.44	\$0.24	0.60%	\$39.15	\$0.30	0.78%

Average Debit Card Interchange Fee by Payment Card Network

Network ¹	January 1-September 30, 2011 ^{16,17}													2009 ^{16,18}		
	Exempt issuers ¹⁹					Covered issuers ²⁰					All issuers ²¹			All issuers ²¹		
	% of total number of transactions ²	% of total value of transactions ³	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	% of total number of transactions ²	% of total value of transactions ³	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹	Average transaction value ⁷	Average interchange fee per transaction ⁸	Interchange fee as % of average transaction value ⁹
Dual-message¹⁰	28.0%	26.9%	\$36.09	\$0.53	1.47%	72.0%	73.1%	\$38.03	\$0.58	1.54%	\$37.49	\$0.57	1.52%	\$36.90	\$0.55	1.49%
Discover				\$0.43	1.40%				\$0.25	0.89%		\$0.40	1.31%		\$0.42	1.15%
MasterCard				\$0.54	1.48%				\$0.58	1.50%		\$0.57	1.50%		\$0.55	1.47%
Visa				\$0.53	1.47%				\$0.58	1.55%		\$0.57	1.53%		\$0.55	1.49%
Visa dual-message																
Visa single-message ¹¹																
Single-message¹²	39.1%	39.8%	\$42.35	\$0.32	0.75%	60.9%	60.2%	\$41.10	\$0.34	0.84%	\$41.59	\$0.33	0.80%	\$40.30	\$0.23	0.58%
ACCEL				\$0.30	0.70%				\$0.29	0.61%		\$0.30	0.70%		\$0.21	0.54%
AFFN				\$0.25	0.66%				\$0.22	0.57%		\$0.24	0.63%		\$0.13	0.26%
Alaska Option ¹³				\$0.15	0.23%				NR	0.28%		\$0.15	0.23%		\$0.01	0.04%
ATH				\$0.29	0.80%				\$0.29	0.80%		\$0.29	0.80%			
Culiance ¹⁴				\$0.21	0.47%				\$0.25	0.45%		\$0.21	0.47%		\$0.18	0.45%
Interlink				\$0.34	0.84%				\$0.35	0.87%		\$0.35	0.87%		\$0.21	0.55%
Jeanie				\$0.26	0.60%				\$0.30	0.72%		\$0.28	0.66%		\$0.20	0.44%
Maestro				\$0.31	0.78%				\$0.34	0.78%		\$0.33	0.78%		\$0.29	0.69%
NetWorks ¹⁵				\$0.31	0.94%				\$0.31	0.94%		\$0.31	0.94%		\$0.25	0.74%
NYCE				\$0.34	0.79%				\$0.37	0.81%		\$0.35	0.80%		\$0.29	0.65%
PULSE				\$0.32	0.79%				\$0.35	0.81%		\$0.34	0.80%		\$0.26	0.61%
SHAZAM				\$0.26	0.67%				\$0.24	0.60%		\$0.26	0.66%		\$0.23	0.58%
STAR				\$0.33	0.76%				\$0.32	0.74%		\$0.33	0.76%		\$0.26	0.59%
UnionPay																
All Networks	32.0%	31.9%	\$38.87	\$0.44	1.12%	68.0%	68.1%	\$39.03	\$0.51	1.30%	\$38.98	\$0.48	1.24%	\$38.18	\$0.43	1.13%

Note: Networks may offer multiple pricing programs to issuers. This table reflects each network's average interchange fee across all of its transactions and does not reflect what a particular issuer will earn by participating in a particular network or combination of networks.

Note: Previous years' data are subject to minor changes based on revisions to underlying data.

Footnotes

¹ Networks listed are defined as payment card networks under the Board's Regulation II. Presto!, by the network's policy, is accessible exclusively through one merchant, which is affiliated with the network. Presto! statistics are included in the "Single-message" statistics and the "All networks" statistics but are not listed individually. Statistics for the "Dual-message," "Single-message," and "All networks" rows are weighted averages based on each network's number or value of transactions.

² Exempt transactions: Transactions processed by issuers exempt from the interchange fee standard, as well as transactions processed by issuers otherwise covered by the interchange fee standard that qualify for another exemption from the standard. Exempt issuers have total worldwide banking and nonbanking assets (including assets of affiliates), other than trust assets under management, of less than \$10 billion as of December 31 of the previous year. Exempt transactions for covered issuers are transactions made with certain debit cards provided pursuant to government-administered payment programs and certain reloadable general-use prepaid cards.

³ Covered transactions: Transactions processed by issuers subject to the interchange fee standard that do not qualify for another exemption from the standard.

⁴ All transactions: Exempt transactions and covered transactions.

⁵ % of total number of transactions: The percentage of settled purchase transactions made with cards that are exempt from, or covered by, the interchange fee standard.

⁶ % of total value of transactions: The percentage of the value of settled purchase transactions made with cards that are exempt from, or covered by, the interchange fee standard. Note: Certain transactions for issuers covered by the standard are exempt from the standard.

⁷ Average transaction value: The value of settled purchase transactions divided by the number of settled purchase transactions.

⁸ Average interchange fee per transaction: Total interchange fees divided by the number of settled purchase transactions.

⁹ Interchange fee as % of average transaction value: Total interchange fees divided by the value of settled purchase transactions.

¹⁰ Dual-message network: A payment card network that typically uses separate messages to authorize and clear a transaction. These networks have traditionally processed signature-authenticated transactions, although some transactions may not require a signature. In some instances, a dual-message network may use a single message to authorize and clear a given transaction and may require the entry of a PIN for cardholder authentication in that transaction. As applicable, the totals for a particular dual-message network include information on any single-message transactions performed on that network.

¹¹ Single-message transactions processed over Visa, a dual-message network. For data prior to 2018, single-message and dual-message transactions over Visa are not reported separately.

¹² Single-message network: A payment card network that typically uses a single message to authorize and clear a transaction. These networks normally process PIN-authenticated transactions, although some transactions, such as small-value purchases, may not require any authentication (PIN-less) or may use signature authentication. In some instances, a network that typically uses a single message to authorize and clear a transaction may use separate messages to authorize and clear a given transaction. As applicable, the totals for a particular single-message network include information on any dual-message transactions performed on that network.

¹³ Since 2015, Alaska Option has no longer operated as a payment card network for debit cards.

¹⁴ Prior to 2017, Culliance was known as Credit Union 24.

¹⁵ Since November 2017, NetWorks has no longer operated as a payment card network for debit cards.

¹⁶ Prior to 2013 the Board did not release breakdown of "% of total number of transactions", "% of total value of transactions" and "Average transaction value" figures by network.

¹⁷ The interchange fee standard went into effect on October 1, 2011. Data for 2011 are separated into two periods (January 1-September 30 and October 1-December 31) to reflect fees before and after implementation of the interchange fee standard.

¹⁸ Some 2009 statistics differ from those in the Board's "2009 Interchange Revenue, Covered Issuer Cost, and Covered Issuer and Merchant Fraud Loss Related to Debit Card Transactions" report (http://www.federalreserve.gov/paymentsystems/files/debitfees_costs.pdf). In this data release, interchange fee amounts were divided by the number or value of purchase transactions, while in the earlier report, they were divided by the number or value of purchase transactions less returns. Dual-message and Single-message statistics in 2009 exclude prepaid transactions; prepaid transactions are included in statistics for the "All networks" row.

¹⁹ Exempt issuers: Issuers exempt from the interchange fee standard. For a definition of exempt issuers, see <https://www.federalreserve.gov/paymentsystems/regii-interchange-fee-standards.htm>.

²⁰ Covered issuers: Issuers subject to the interchange fee standard.

²¹ All issuers: Exempt issuers and covered issuers.

²² % of total number of transactions: The percentage of settled purchase transactions for issuers exempt from, or covered by, the interchange fee standard. Note: Certain transactions for issuers covered by the standard are exempt from the standard.

²³ % of total value of transactions: The percentage of the value of settled purchase transactions for issuers exempt from, or covered by, the interchange fee standard. Note: Certain transactions for issuers covered by the standard are exempt from the standard.