

Business Month	Mini Option	Prime Order >= 50 Ctx	Prime Order < 50 Ctx	% Orders >= 50 Ctx ent Prime	% Orders < 50 Ctx ent Prime	% All Trades of Orders < 50 Ctx	% All Trades of Orders < 50 Ctx ent Prime	% All Trade Vol Of Orders < 50 Ctx	% All Trade Vol Of Orders < 50 Ctx ent Prime	Avg Spread Prime Order >= 50 Ctx	Avg Spread Prime Order < 50 Ctx	%Auto Match With Limit Price	%Auto Match W/O Limit Price	Avg Price Improved Auto Match With Limit Price	Avg Price Improved Auto Match W/O Limit Price	Avg Price Improved Stop Price
2015-07	N	48,572	661,599	8.24%	16.07%	81.94%	48.94%	39.41%	20.14%	\$ 0.0768	\$ 0.2160	13.10%	0.00%	\$ 0.0450	N/A	\$ 0.0198

## Unrelated Order received on Agency Side Terminated Auction

Business Month	Mini Option	# Auctions	# Auctions by Same Firm	# Auctions Participated Trade	% Auctions Participated by Same Firm	% Auctions Participated Trade	Avg Price Improvement by Same Firm	Avg Price Improvement Participated Trade
2015-07	N	765	352	0	0.05%	0.00%	\$ 0.0032	N/A

## Unrelated Order received on Contra Side Terminated Auction

Business Month	Mini Option	# Auctions	# Auctions by Same Firm	# Auctions Participated Trade	% Auctions Participated by Same Firm	% Auctions Participated Trade	Avg Price Improvement by Same Firm	Avg Price Improvement Participated Trade
2015-07	N	97	27	95	0.00%	0.01%	\$ 0.0098	\$ 0.0075

## Unrelated Limit Order received on Contra Side Improved AOC and Terminated Auction

Business Month	Mini Option	# Auctions	# Auctions by Same Firm	# Auctions Participated Trade	% Auctions Participated by Same Firm	% Auctions Participated Trade	Avg Price Improvement by Same Firm	Avg Price Improvement Participated Trade
2015-07	N	148	4	62	0.00%	0.01%	\$ 0.0063	\$ 0.0031

## RFR Crossed NBBO and Terminated Auction

Business Month	Mini Option	# Auctions	# Auctions by Same Firm	# Auctions Participated Trade	% Auctions Participated by Same Firm	% Auctions Participated Trade	Avg Price Improvement by Same Firm	Avg Price Improvement Participated Trade
2015-07	N	2,461	108	2,270	0.02%	0.32%	\$ 0.0353	\$ 0.0119

## Quote Lock

Business Month	Mini Option	Buy Agency Order Quote Cross NBB	Buy Agency Quote Cross NBO	Sell Agency Order Quote Cross NBB	Sell Agency Order Quote Cross NBO	# Price Improved	Avg Price Improvement
2015-07	N	1,619	111	176	916	1,891	\$ 0.0095

## Auction Halt

Business Month	Mini Option	# Auctions	# Price Improved	Avg Price Improved	% Price Improved Vol	Auction End Normal	Avg Price Improvement
2015-07	N	0	0	N/A	N/A		\$ 0.0086

Traded at NBBO+

Business Month	Mini Option	Trade @ NBBO +	% Prime Trade With Order < 50 Ctx	% Prime Trade With Order >= 50 Ctx
2015-07	N	N/A	0.15%	0.09%
2015-07	N	\$ 0.00	36.40%	65.79%
2015-07	N	\$ 0.01	14.15%	12.44%
2015-07	N	\$ 0.02	7.04%	4.65%
2015-07	N	\$ 0.03	4.98%	2.93%
2015-07	N	\$ 0.04	3.58%	1.90%
2015-07	N	\$ 0.05	5.17%	3.21%
2015-07	N	\$ 0.06	3.13%	1.39%
2015-07	N	\$ 0.07	2.20%	0.90%
2015-07	N	\$ 0.08	1.51%	0.57%
2015-07	N	\$ 0.09	1.23%	0.42%
2015-07	N	\$ 0.10	2.55%	1.18%
2015-07	N	\$ 0.11	1.34%	0.40%
2015-07	N	\$ 0.12	1.13%	0.34%
2015-07	N	\$ 0.13	0.82%	0.24%
2015-07	N	\$ 0.14	0.65%	0.19%
2015-07	N	\$ 0.15	1.26%	0.45%
2015-07	N	\$ 0.16	0.66%	0.19%
2015-07	N	\$ 0.17	0.55%	0.15%
2015-07	N	\$ 0.18	0.46%	0.13%
2015-07	N	\$ 0.19	0.37%	0.10%
2015-07	N	\$ 0.20	0.99%	0.35%
2015-07	N	\$ 0.21	0.47%	0.11%
2015-07	N	\$ 0.22	0.40%	0.12%
2015-07	N	\$ 0.23	0.33%	0.07%
2015-07	N	\$ 0.24	0.31%	0.06%
2015-07	N	\$ 0.25	0.54%	0.17%
2015-07	N	\$ 0.26	0.29%	0.06%
2015-07	N	\$ 0.27	0.25%	0.06%
2015-07	N	\$ 0.28	0.22%	0.04%
2015-07	N	\$ 0.29	0.18%	0.02%
2015-07	N	\$ 0.30	0.49%	0.15%
2015-07	N	\$ 0.31	0.22%	0.05%
2015-07	N	\$ 0.32	0.19%	0.07%
2015-07	N	\$ 0.33	0.18%	0.04%
2015-07	N	\$ 0.34	0.16%	0.04%
2015-07	N	\$ 0.35	0.26%	0.07%
2015-07	N	\$ 0.36	0.16%	0.03%
2015-07	N	\$ 0.37	0.14%	0.02%
2015-07	N	\$ 0.38	0.11%	0.02%
2015-07	N	\$ 0.39	0.10%	0.01%
2015-07	N	\$ 0.40	0.28%	0.09%
2015-07	N	\$ 0.41	0.13%	0.03%
2015-07	N	\$ 0.42	0.12%	0.02%
2015-07	N	\$ 0.43	0.11%	0.02%
2015-07	N	\$ 0.44	0.10%	0.02%
2015-07	N	\$ 0.45	0.17%	0.05%
2015-07	N	\$ 0.46	0.09%	0.02%
2015-07	N	\$ 0.47	0.08%	0.01%
2015-07	N	\$ 0.48	0.08%	0.01%
2015-07	N	\$ 0.49	0.07%	0.01%
2015-07	N	\$ 0.50	0.18%	0.05%
2015-07	N	\$ 0.51	0.07%	0.01%
2015-07	N	\$ 0.52	0.08%	0.01%
2015-07	N	\$ 0.53	0.06%	0.01%
2015-07	N	\$ 0.54	0.06%	0.01%
2015-07	N	\$ 0.55	0.09%	0.01%
2015-07	N	\$ 0.56	0.06%	0.01%
2015-07	N	\$ 0.57	0.05%	0.01%
2015-07	N	\$ 0.58	0.05%	0.01%
2015-07	N	\$ 0.59	0.05%	0.01%
2015-07	N	\$ 0.60	0.12%	0.02%
2015-07	N	\$ 0.61	0.05%	0.01%
2015-07	N	\$ 0.62	0.05%	0.00%
2015-07	N	\$ 0.63	0.05%	0.01%
2015-07	N	\$ 0.64	0.04%	0.01%
2015-07	N	\$ 0.65	0.06%	0.02%

2015-07	N	\$ 0.66	0.04%	0.01%
2015-07	N	\$ 0.67	0.04%	0.01%
2015-07	N	\$ 0.68	0.03%	0.01%
2015-07	N	\$ 0.69	0.03%	0.00%
2015-07	N	\$ 0.70	0.08%	0.02%
2015-07	N	\$ 0.71	0.03%	0.01%
2015-07	N	\$ 0.72	0.04%	0.00%
2015-07	N	\$ 0.73	0.03%	0.00%
2015-07	N	\$ 0.74	0.03%	0.00%
2015-07	N	\$ 0.75	0.05%	0.01%
2015-07	N	\$ 0.76	0.04%	0.00%
2015-07	N	\$ 0.77	0.03%	0.01%
2015-07	N	\$ 0.78	0.03%	0.00%
2015-07	N	\$ 0.79	0.03%	0.00%
2015-07	N	\$ 0.80	0.06%	0.02%
2015-07	N	\$ 0.81	0.03%	0.00%
2015-07	N	\$ 0.82	0.03%	0.00%
2015-07	N	\$ 0.83	0.03%	0.00%
2015-07	N	\$ 0.84	0.03%	0.00%
2015-07	N	\$ 0.85	0.03%	0.00%
2015-07	N	\$ 0.86	0.02%	0.00%
2015-07	N	\$ 0.87	0.02%	0.00%
2015-07	N	\$ 0.88	0.02%	0.00%
2015-07	N	\$ 0.89	0.02%	0.00%
2015-07	N	\$ 0.90	0.05%	0.00%
2015-07	N	\$ 0.91	0.02%	0.00%
2015-07	N	\$ 0.92	0.02%	0.00%
2015-07	N	\$ 0.93	0.02%	0.01%
2015-07	N	\$ 0.94	0.02%	0.00%
2015-07	N	\$ 0.95	0.03%	0.00%
2015-07	N	\$ 0.96	0.02%	0.00%
2015-07	N	\$ 0.97	0.02%	0.00%
2015-07	N	\$ 0.98	0.02%	0.00%
2015-07	N	\$ 0.99	0.02%	0.00%
2015-07	N	\$ 1.00	0.04%	0.01%
2015-07	N	\$ 1.01	0.02%	0.00%
2015-07	N	\$ 1.02	0.02%	0.00%
2015-07	N	\$ 1.03	0.02%	0.00%
2015-07	N	\$ 1.04	0.02%	0.00%
2015-07	N	\$ 1.05	0.02%	0.00%
2015-07	N	\$ 1.06	0.01%	0.00%
2015-07	N	\$ 1.07	0.01%	0.00%
2015-07	N	\$ 1.08	0.01%	0.00%
2015-07	N	\$ 1.09	0.01%	0.00%
2015-07	N	\$ 1.10	0.03%	0.00%
2015-07	N	\$ 1.11	0.02%	0.00%
2015-07	N	\$ 1.12	0.01%	0.00%
2015-07	N	\$ 1.13	0.01%	0.00%
2015-07	N	\$ 1.14	0.01%	0.00%
2015-07	N	\$ 1.15	0.02%	0.00%
2015-07	N	\$ 1.16	0.02%	0.00%
2015-07	N	\$ 1.17	0.01%	0.00%
2015-07	N	\$ 1.18	0.01%	0.00%
2015-07	N	\$ 1.19	0.01%	0.00%
2015-07	N	\$ 1.20	0.03%	0.01%
2015-07	N	\$ 1.21	0.01%	0.00%
2015-07	N	\$ 1.22	0.01%	0.00%
2015-07	N	\$ 1.23	0.01%	0.00%
2015-07	N	\$ 1.24	0.01%	0.00%
2015-07	N	\$ 1.25	0.02%	0.00%
2015-07	N	\$ 1.26	0.01%	0.00%
2015-07	N	\$ 1.27	0.01%	0.00%
2015-07	N	\$ 1.28	0.01%	0.00%
2015-07	N	\$ 1.29	0.01%	0.00%
2015-07	N	\$ 1.30	0.03%	0.01%
2015-07	N	\$ 1.31	0.01%	0.00%
2015-07	N	\$ 1.32	0.01%	0.00%
2015-07	N	\$ 1.33	0.01%	0.00%
2015-07	N	\$ 1.34	0.01%	0.00%
2015-07	N	\$ 1.35	0.01%	0.00%
2015-07	N	\$ 1.36	0.01%	0.00%

2015-07	N	\$ 1.37	0.01%	0.00%
2015-07	N	\$ 1.38	0.01%	0.00%
2015-07	N	\$ 1.39	0.01%	0.00%
2015-07	N	\$ 1.40	0.02%	0.00%
2015-07	N	\$ 1.41	0.01%	0.00%
2015-07	N	\$ 1.42	0.01%	0.00%
2015-07	N	\$ 1.43	0.01%	0.00%
2015-07	N	\$ 1.44	0.01%	0.00%
2015-07	N	\$ 1.45	0.01%	0.00%
2015-07	N	\$ 1.46	0.01%	0.00%
2015-07	N	\$ 1.47	0.01%	0.00%
2015-07	N	\$ 1.48	0.01%	0.00%
2015-07	N	\$ 1.49	0.01%	0.00%
2015-07	N	\$ 1.50	0.02%	0.01%
2015-07	N	\$ 1.51	0.01%	0.00%
2015-07	N	\$ 1.52	0.01%	0.00%
2015-07	N	\$ 1.53	0.01%	0.00%
2015-07	N	\$ 1.54	0.01%	0.00%
2015-07	N	\$ 1.55	0.01%	0.00%
2015-07	N	\$ 1.56	0.01%	0.00%
2015-07	N	\$ 1.57	0.01%	0.00%
2015-07	N	\$ 1.58	0.01%	0.00%
2015-07	N	\$ 1.59	0.01%	0.00%
2015-07	N	\$ 1.60	0.02%	0.00%
2015-07	N	\$ 1.61	0.01%	0.00%
2015-07	N	\$ 1.62	0.01%	0.00%
2015-07	N	\$ 1.63	0.01%	0.00%
2015-07	N	\$ 1.64	0.01%	0.00%
2015-07	N	\$ 1.65	0.01%	0.00%
2015-07	N	\$ 1.66	0.01%	0.00%
2015-07	N	\$ 1.67	0.01%	0.00%
2015-07	N	\$ 1.68	0.01%	0.00%
2015-07	N	\$ 1.69	0.01%	0.00%
2015-07	N	\$ 1.70	0.02%	0.00%
2015-07	N	\$ 1.71	0.01%	0.00%
2015-07	N	\$ 1.72	0.01%	0.00%
2015-07	N	\$ 1.73	0.01%	0.00%
2015-07	N	\$ 1.74	0.01%	0.00%
2015-07	N	\$ 1.75	0.01%	0.00%
2015-07	N	\$ 1.76	0.01%	0.00%
2015-07	N	\$ 1.77	0.01%	0.00%
2015-07	N	\$ 1.78	0.00%	0.00%
2015-07	N	\$ 1.79	0.00%	0.00%
2015-07	N	\$ 1.80	0.02%	0.00%
2015-07	N	\$ 1.81	0.01%	0.00%
2015-07	N	\$ 1.82	0.01%	0.00%
2015-07	N	\$ 1.83	0.01%	0.00%
2015-07	N	\$ 1.84	0.00%	0.00%
2015-07	N	\$ 1.85	0.01%	0.00%
2015-07	N	\$ 1.86	0.01%	0.00%
2015-07	N	\$ 1.87	0.01%	0.00%
2015-07	N	\$ 1.88	0.00%	0.00%
2015-07	N	\$ 1.89	0.01%	0.00%
2015-07	N	\$ 1.90	0.01%	0.00%
2015-07	N	\$ 1.91	0.00%	0.00%
2015-07	N	\$ 1.92	0.00%	0.00%
2015-07	N	\$ 1.93	0.01%	0.00%
2015-07	N	\$ 1.94	0.00%	0.00%
2015-07	N	\$ 1.95	0.01%	0.00%
2015-07	N	\$ 1.96	0.00%	0.00%
2015-07	N	\$ 1.97	0.00%	0.00%
2015-07	N	\$ 1.98	0.00%	0.00%
2015-07	N	\$ 1.99	0.00%	0.00%
2015-07	N	\$ 2.00	0.01%	0.00%
2015-07	N	\$ 2.01	0.01%	0.00%
2015-07	N	\$ 2.02	0.00%	0.00%
2015-07	N	\$ 2.03	0.00%	0.00%
2015-07	N	\$ 2.04	0.00%	0.00%
2015-07	N	\$ 2.05	0.00%	0.00%
2015-07	N	\$ 2.06	0.00%	0.00%
2015-07	N	\$ 2.07	0.00%	0.00%

2015-07	N	\$ 2.08	0.00%	0.00%
2015-07	N	\$ 2.09	0.00%	0.00%
2015-07	N	\$ 2.10	0.01%	0.00%
2015-07	N	\$ 2.11	0.00%	0.00%
2015-07	N	\$ 2.12	0.00%	0.00%
2015-07	N	\$ 2.13	0.00%	0.00%
2015-07	N	\$ 2.14	0.00%	0.00%
2015-07	N	\$ 2.15	0.00%	0.00%
2015-07	N	\$ 2.16	0.00%	0.00%
2015-07	N	\$ 2.17	0.00%	0.00%
2015-07	N	\$ 2.18	0.00%	0.00%
2015-07	N	\$ 2.19	0.00%	0.00%
2015-07	N	\$ 2.20	0.01%	0.00%
2015-07	N	\$ 2.21	0.00%	0.00%
2015-07	N	\$ 2.22	0.00%	0.00%
2015-07	N	\$ 2.23	0.00%	0.00%
2015-07	N	\$ 2.24	0.00%	0.00%
2015-07	N	\$ 2.25	0.00%	0.00%
2015-07	N	\$ 2.26	0.00%	0.00%
2015-07	N	\$ 2.27	0.00%	0.00%
2015-07	N	\$ 2.28	0.00%	0.00%
2015-07	N	\$ 2.29	0.00%	0.00%
2015-07	N	\$ 2.30	0.01%	0.00%
2015-07	N	\$ 2.31	0.00%	0.00%
2015-07	N	\$ 2.32	0.00%	0.00%
2015-07	N	\$ 2.33	0.00%	0.00%
2015-07	N	\$ 2.34	0.00%	0.00%
2015-07	N	\$ 2.35	0.00%	0.00%
2015-07	N	\$ 2.36	0.00%	0.00%
2015-07	N	\$ 2.37	0.00%	0.00%
2015-07	N	\$ 2.38	0.00%	0.00%
2015-07	N	\$ 2.39	0.00%	0.00%
2015-07	N	\$ 2.40	0.00%	0.01%
2015-07	N	\$ 2.41	0.00%	0.00%
2015-07	N	\$ 2.42	0.00%	0.00%
2015-07	N	\$ 2.43	0.00%	0.00%
2015-07	N	\$ 2.44	0.00%	0.00%
2015-07	N	\$ 2.45	0.00%	0.00%
2015-07	N	\$ 2.46	0.00%	0.00%
2015-07	N	\$ 2.47	0.00%	0.00%
2015-07	N	\$ 2.48	0.00%	0.00%
2015-07	N	\$ 2.49	0.00%	0.00%
2015-07	N	\$ 2.50	0.00%	0.00%
2015-07	N	\$ 2.51	0.00%	0.00%
2015-07	N	\$ 2.52	0.00%	0.00%
2015-07	N	\$ 2.53	0.00%	0.00%
2015-07	N	\$ 2.54	0.00%	0.00%
2015-07	N	\$ 2.55	0.00%	0.00%
2015-07	N	\$ 2.56	0.00%	0.00%
2015-07	N	\$ 2.57	0.00%	0.00%
2015-07	N	\$ 2.58	0.00%	0.00%
2015-07	N	\$ 2.59	0.00%	0.00%
2015-07	N	\$ 2.60	0.00%	0.00%
2015-07	N	\$ 2.61	0.00%	0.00%
2015-07	N	\$ 2.62	0.00%	0.00%
2015-07	N	\$ 2.63	0.00%	0.00%
2015-07	N	\$ 2.64	0.00%	0.00%
2015-07	N	\$ 2.65	0.00%	0.00%
2015-07	N	\$ 2.66	0.00%	0.00%
2015-07	N	\$ 2.67	0.00%	0.00%
2015-07	N	\$ 2.68	0.00%	0.00%
2015-07	N	\$ 2.69	0.00%	0.00%
2015-07	N	\$ 2.70	0.00%	0.00%
2015-07	N	\$ 2.71	0.00%	0.00%
2015-07	N	\$ 2.72	0.00%	0.00%
2015-07	N	\$ 2.73	0.00%	0.00%
2015-07	N	\$ 2.74	0.00%	0.00%
2015-07	N	\$ 2.75	0.00%	0.00%
2015-07	N	\$ 2.76	0.00%	0.00%
2015-07	N	\$ 2.77	0.00%	0.00%
2015-07	N	\$ 2.78	0.00%	0.00%

2015-07	N	\$ 2.79	0.00%	0.00%
2015-07	N	\$ 2.80	0.00%	0.00%
2015-07	N	\$ 2.81	0.00%	0.00%
2015-07	N	\$ 2.83	0.00%	0.00%
2015-07	N	\$ 2.84	0.00%	0.00%
2015-07	N	\$ 2.85	0.00%	0.00%
2015-07	N	\$ 2.86	0.00%	0.00%
2015-07	N	\$ 2.87	0.00%	0.00%
2015-07	N	\$ 2.88	0.00%	0.00%
2015-07	N	\$ 2.89	0.00%	0.00%
2015-07	N	\$ 2.90	0.00%	0.00%
2015-07	N	\$ 2.91	0.00%	0.00%
2015-07	N	\$ 2.92	0.00%	0.00%
2015-07	N	\$ 2.93	0.00%	0.00%
2015-07	N	\$ 2.94	0.00%	0.00%
2015-07	N	\$ 2.95	0.00%	0.00%
2015-07	N	\$ 2.96	0.00%	0.00%
2015-07	N	\$ 3.00	0.00%	0.00%
2015-07	N	\$ 3.01	0.00%	0.00%
2015-07	N	\$ 3.04	0.00%	0.00%
2015-07	N	\$ 3.05	0.00%	0.00%
2015-07	N	\$ 3.07	0.00%	0.00%
2015-07	N	\$ 3.08	0.00%	0.00%
2015-07	N	\$ 3.09	0.00%	0.00%
2015-07	N	\$ 3.12	0.00%	0.00%
2015-07	N	\$ 3.14	0.00%	0.00%
2015-07	N	\$ 3.15	0.00%	0.00%
2015-07	N	\$ 3.20	0.00%	0.00%
2015-07	N	\$ 3.22	0.00%	0.00%
2015-07	N	\$ 3.25	0.00%	0.00%
2015-07	N	\$ 3.28	0.00%	0.00%
2015-07	N	\$ 3.30	0.00%	0.00%
2015-07	N	\$ 3.35	0.00%	0.00%
2015-07	N	\$ 3.36	0.00%	0.00%
2015-07	N	\$ 3.40	0.00%	0.00%
2015-07	N	\$ 3.45	0.00%	0.00%
2015-07	N	\$ 3.47	0.00%	0.00%
2015-07	N	\$ 3.50	0.00%	0.00%
2015-07	N	\$ 3.51	0.00%	0.00%
2015-07	N	\$ 3.55	0.00%	0.00%
2015-07	N	\$ 3.58	0.00%	0.00%
2015-07	N	\$ 3.60	0.00%	0.00%
2015-07	N	\$ 3.61	0.00%	0.00%
2015-07	N	\$ 3.62	0.00%	0.00%
2015-07	N	\$ 3.63	0.00%	0.00%
2015-07	N	\$ 3.64	0.00%	0.00%
2015-07	N	\$ 3.65	0.00%	0.00%
2015-07	N	\$ 3.67	0.00%	0.00%
2015-07	N	\$ 3.69	0.00%	0.00%
2015-07	N	\$ 3.71	0.00%	0.00%
2015-07	N	\$ 3.72	0.00%	0.00%
2015-07	N	\$ 3.73	0.00%	0.00%
2015-07	N	\$ 3.74	0.00%	0.00%
2015-07	N	\$ 3.75	0.00%	0.00%
2015-07	N	\$ 3.76	0.00%	0.00%
2015-07	N	\$ 3.77	0.00%	0.00%
2015-07	N	\$ 3.80	0.00%	0.00%
2015-07	N	\$ 3.81	0.00%	0.00%
2015-07	N	\$ 3.84	0.00%	0.00%
2015-07	N	\$ 3.90	0.00%	0.00%
2015-07	N	\$ 3.94	0.00%	0.00%
2015-07	N	\$ 3.95	0.00%	0.00%
2015-07	N	\$ 4.00	0.00%	0.00%
2015-07	N	\$ 4.03	0.00%	0.00%
2015-07	N	\$ 4.10	0.00%	0.00%
2015-07	N	\$ 4.12	0.00%	0.00%
2015-07	N	\$ 4.13	0.00%	0.00%
2015-07	N	\$ 4.14	0.00%	0.00%
2015-07	N	\$ 4.17	0.00%	0.00%
2015-07	N	\$ 4.18	0.00%	0.00%
2015-07	N	\$ 4.25	0.00%	0.00%

2015-07	N	\$ 4.29	0.00%	0.00%
2015-07	N	\$ 4.30	0.00%	0.00%
2015-07	N	\$ 4.33	0.00%	0.00%
2015-07	N	\$ 4.35	0.00%	0.00%
2015-07	N	\$ 4.39	0.00%	0.00%
2015-07	N	\$ 4.40	0.00%	0.00%
2015-07	N	\$ 4.42	0.00%	0.00%
2015-07	N	\$ 4.43	0.00%	0.00%
2015-07	N	\$ 4.45	0.00%	0.00%
2015-07	N	\$ 4.49	0.00%	0.00%
2015-07	N	\$ 4.50	0.00%	0.00%
2015-07	N	\$ 4.55	0.00%	0.00%
2015-07	N	\$ 4.56	0.00%	0.00%
2015-07	N	\$ 4.58	0.00%	0.00%
2015-07	N	\$ 4.60	0.00%	0.00%
2015-07	N	\$ 4.61	0.00%	0.00%
2015-07	N	\$ 4.62	0.00%	0.00%
2015-07	N	\$ 4.63	0.00%	0.00%
2015-07	N	\$ 4.64	0.00%	0.00%
2015-07	N	\$ 4.65	0.00%	0.00%
2015-07	N	\$ 4.66	0.00%	0.00%
2015-07	N	\$ 4.70	0.00%	0.00%
2015-07	N	\$ 4.74	0.00%	0.00%
2015-07	N	\$ 4.75	0.00%	0.00%
2015-07	N	\$ 4.78	0.00%	0.00%
2015-07	N	\$ 4.85	0.00%	0.00%
2015-07	N	\$ 4.90	0.00%	0.00%
2015-07	N	\$ 5.40	0.00%	0.00%

NBBO Spread Increment

Business Month	Mini Option	NBBO Spread	# Order
2015-07	N	N/A	18,658
2015-07	N	\$ 0.0100	131,169
2015-07	N	\$ 0.0200	77,729
2015-07	N	\$ 0.0300	44,411
2015-07	N	\$ 0.0400	29,232
2015-07	N	\$ 0.0500	47,207
2015-07	N	\$ 0.0600	17,400
2015-07	N	\$ 0.0700	13,867
2015-07	N	\$ 0.0800	11,417
2015-07	N	\$ 0.0900	9,333
2015-07	N	\$ 0.1000	47,896
2015-07	N	\$ 0.1100	6,381
2015-07	N	\$ 0.1200	5,488
2015-07	N	\$ 0.1300	4,537
2015-07	N	\$ 0.1400	3,934
2015-07	N	\$ 0.1500	38,336
2015-07	N	\$ 0.1600	2,931
2015-07	N	\$ 0.1700	2,507
2015-07	N	\$ 0.1800	2,250
2015-07	N	\$ 0.1900	2,046
2015-07	N	\$ 0.2000	31,045
2015-07	N	\$ 0.2100	1,693
2015-07	N	\$ 0.2200	1,477
2015-07	N	\$ 0.2300	1,404
2015-07	N	\$ 0.2400	1,253
2015-07	N	\$ 0.2500	19,300
2015-07	N	\$ 0.2600	1,043
2015-07	N	\$ 0.2700	1,045
2015-07	N	\$ 0.2800	905
2015-07	N	\$ 0.2900	891
2015-07	N	\$ 0.3000	20,356
2015-07	N	\$ 0.3100	721
2015-07	N	\$ 0.3200	683
2015-07	N	\$ 0.3300	603
2015-07	N	\$ 0.3400	577
2015-07	N	\$ 0.3500	10,814
2015-07	N	\$ 0.3600	540
2015-07	N	\$ 0.3700	523
2015-07	N	\$ 0.3800	459
2015-07	N	\$ 0.3900	434
2015-07	N	\$ 0.4000	14,403
2015-07	N	\$ 0.4100	356
2015-07	N	\$ 0.4200	374
2015-07	N	\$ 0.4300	341
2015-07	N	\$ 0.4400	366
2015-07	N	\$ 0.4500	7,025
2015-07	N	\$ 0.4600	290
2015-07	N	\$ 0.4700	273
2015-07	N	\$ 0.4800	291
2015-07	N	\$ 0.4900	231
2015-07	N	\$ 0.5000	10,029
2015-07	N	\$ 0.5100	182
2015-07	N	\$ 0.5200	167
2015-07	N	\$ 0.5300	138
2015-07	N	\$ 0.5400	138



2015-07	N	\$ 0.5500	4,235
2015-07	N	\$ 0.5600	140
2015-07	N	\$ 0.5700	109
2015-07	N	\$ 0.5800	116
2015-07	N	\$ 0.5900	148
2015-07	N	\$ 0.6000	7,130
2015-07	N	\$ 0.6100	101
2015-07	N	\$ 0.6200	96
2015-07	N	\$ 0.6300	77
2015-07	N	\$ 0.6400	83
2015-07	N	\$ 0.6500	2,746
2015-07	N	\$ 0.6600	71
2015-07	N	\$ 0.6700	67
2015-07	N	\$ 0.6800	80
2015-07	N	\$ 0.6900	66
2015-07	N	\$ 0.7000	5,514
2015-07	N	\$ 0.7100	62
2015-07	N	\$ 0.7200	60
2015-07	N	\$ 0.7300	68
2015-07	N	\$ 0.7400	63
2015-07	N	\$ 0.7500	2,010
2015-07	N	\$ 0.7600	39
2015-07	N	\$ 0.7700	61
2015-07	N	\$ 0.7800	57
2015-07	N	\$ 0.7900	45
2015-07	N	\$ 0.8000	4,266
2015-07	N	\$ 0.8100	36
2015-07	N	\$ 0.8200	57
2015-07	N	\$ 0.8300	29
2015-07	N	\$ 0.8400	39
2015-07	N	\$ 0.8500	1,442
2015-07	N	\$ 0.8600	30
2015-07	N	\$ 0.8700	37
2015-07	N	\$ 0.8800	25
2015-07	N	\$ 0.8900	30
2015-07	N	\$ 0.9000	3,422
2015-07	N	\$ 0.9100	28
2015-07	N	\$ 0.9200	20
2015-07	N	\$ 0.9300	22
2015-07	N	\$ 0.9400	29
2015-07	N	\$ 0.9500	1,143
2015-07	N	\$ 0.9600	23
2015-07	N	\$ 0.9700	30
2015-07	N	\$ 0.9800	22
2015-07	N	\$ 0.9900	23
2015-07	N	\$ 1.0000	2,846
2015-07	N	\$ 1.0100	14
2015-07	N	\$ 1.0200	18
2015-07	N	\$ 1.0300	12
2015-07	N	\$ 1.0400	15
2015-07	N	\$ 1.0500	762
2015-07	N	\$ 1.0600	16
2015-07	N	\$ 1.0700	13
2015-07	N	\$ 1.0800	7
2015-07	N	\$ 1.0900	24
2015-07	N	\$ 1.1000	2,114
2015-07	N	\$ 1.1100	5
2015-07	N	\$ 1.1200	15
2015-07	N	\$ 1.1300	19

2015-07	N	\$ 1.1400	19
2015-07	N	\$ 1.1500	648
2015-07	N	\$ 1.1600	10
2015-07	N	\$ 1.1700	13
2015-07	N	\$ 1.1800	6
2015-07	N	\$ 1.1900	8
2015-07	N	\$ 1.2000	1,896
2015-07	N	\$ 1.2100	8
2015-07	N	\$ 1.2200	11
2015-07	N	\$ 1.2300	8
2015-07	N	\$ 1.2400	6
2015-07	N	\$ 1.2500	557
2015-07	N	\$ 1.2600	6
2015-07	N	\$ 1.2700	5
2015-07	N	\$ 1.2800	9
2015-07	N	\$ 1.2900	7
2015-07	N	\$ 1.3000	1,603
2015-07	N	\$ 1.3100	7
2015-07	N	\$ 1.3200	8
2015-07	N	\$ 1.3300	8
2015-07	N	\$ 1.3400	8
2015-07	N	\$ 1.3500	407
2015-07	N	\$ 1.3600	3
2015-07	N	\$ 1.3700	4
2015-07	N	\$ 1.3800	6
2015-07	N	\$ 1.3900	5
2015-07	N	\$ 1.4000	1,422
2015-07	N	\$ 1.4100	3
2015-07	N	\$ 1.4200	2
2015-07	N	\$ 1.4300	4
2015-07	N	\$ 1.4400	5
2015-07	N	\$ 1.4500	383
2015-07	N	\$ 1.4600	2
2015-07	N	\$ 1.4700	8
2015-07	N	\$ 1.4800	5
2015-07	N	\$ 1.4900	5
2015-07	N	\$ 1.5000	1,292
2015-07	N	\$ 1.5100	2
2015-07	N	\$ 1.5200	7
2015-07	N	\$ 1.5300	6
2015-07	N	\$ 1.5400	2
2015-07	N	\$ 1.5500	310
2015-07	N	\$ 1.5600	4
2015-07	N	\$ 1.5700	4
2015-07	N	\$ 1.5800	5
2015-07	N	\$ 1.5900	2
2015-07	N	\$ 1.6000	1,110
2015-07	N	\$ 1.6100	2
2015-07	N	\$ 1.6200	5
2015-07	N	\$ 1.6300	3
2015-07	N	\$ 1.6400	2
2015-07	N	\$ 1.6500	257
2015-07	N	\$ 1.6600	3
2015-07	N	\$ 1.6700	10
2015-07	N	\$ 1.6800	4
2015-07	N	\$ 1.6900	2
2015-07	N	\$ 1.7000	941
2015-07	N	\$ 1.7100	4
2015-07	N	\$ 1.7200	2

2015-07	N	\$ 1.7300	5
2015-07	N	\$ 1.7400	4
2015-07	N	\$ 1.7500	228
2015-07	N	\$ 1.7600	3
2015-07	N	\$ 1.7700	2
2015-07	N	\$ 1.7800	4
2015-07	N	\$ 1.7900	3
2015-07	N	\$ 1.8000	845
2015-07	N	\$ 1.8100	4
2015-07	N	\$ 1.8200	1
2015-07	N	\$ 1.8300	3
2015-07	N	\$ 1.8400	5
2015-07	N	\$ 1.8500	175
2015-07	N	\$ 1.8600	3
2015-07	N	\$ 1.8700	1
2015-07	N	\$ 1.8800	3
2015-07	N	\$ 1.8900	4
2015-07	N	\$ 1.9000	746
2015-07	N	\$ 1.9200	2
2015-07	N	\$ 1.9300	1
2015-07	N	\$ 1.9500	170
2015-07	N	\$ 1.9600	1
2015-07	N	\$ 1.9900	1
2015-07	N	\$ 2.0000	692
2015-07	N	\$ 2.0100	2
2015-07	N	\$ 2.0200	1
2015-07	N	\$ 2.0500	157
2015-07	N	\$ 2.0700	1
2015-07	N	\$ 2.0800	1
2015-07	N	\$ 2.0900	1
2015-07	N	\$ 2.1000	660
2015-07	N	\$ 2.1100	1
2015-07	N	\$ 2.1200	2
2015-07	N	\$ 2.1300	1
2015-07	N	\$ 2.1400	2
2015-07	N	\$ 2.1500	148
2015-07	N	\$ 2.1700	1
2015-07	N	\$ 2.1800	2
2015-07	N	\$ 2.2000	604
2015-07	N	\$ 2.2100	3
2015-07	N	\$ 2.2300	2
2015-07	N	\$ 2.2400	1
2015-07	N	\$ 2.2500	154
2015-07	N	\$ 2.2700	1
2015-07	N	\$ 2.3000	569
2015-07	N	\$ 2.3200	2
2015-07	N	\$ 2.3300	1
2015-07	N	\$ 2.3500	122
2015-07	N	\$ 2.3600	1
2015-07	N	\$ 2.3700	4
2015-07	N	\$ 2.3800	3
2015-07	N	\$ 2.4000	609
2015-07	N	\$ 2.4300	1
2015-07	N	\$ 2.4400	1
2015-07	N	\$ 2.4500	115
2015-07	N	\$ 2.4900	2
2015-07	N	\$ 2.5000	526
2015-07	N	\$ 2.5300	2
2015-07	N	\$ 2.5400	1

2015-07	N	\$ 2.5500	111
2015-07	N	\$ 2.5700	2
2015-07	N	\$ 2.5800	2
2015-07	N	\$ 2.6000	590
2015-07	N	\$ 2.6400	1
2015-07	N	\$ 2.6500	89
2015-07	N	\$ 2.6900	2
2015-07	N	\$ 2.7000	533
2015-07	N	\$ 2.7100	1
2015-07	N	\$ 2.7300	2
2015-07	N	\$ 2.7500	110
2015-07	N	\$ 2.7600	5
2015-07	N	\$ 2.7700	3
2015-07	N	\$ 2.8000	424
2015-07	N	\$ 2.8500	65
2015-07	N	\$ 2.8600	1
2015-07	N	\$ 2.9000	374
2015-07	N	\$ 2.9300	1
2015-07	N	\$ 2.9500	79
2015-07	N	\$ 3.0000	369
2015-07	N	\$ 3.0200	1
2015-07	N	\$ 3.0400	1
2015-07	N	\$ 3.0500	71
2015-07	N	\$ 3.0700	2
2015-07	N	\$ 3.0800	3
2015-07	N	\$ 3.0900	1
2015-07	N	\$ 3.1000	292
2015-07	N	\$ 3.1400	2
2015-07	N	\$ 3.1500	58
2015-07	N	\$ 3.1600	1
2015-07	N	\$ 3.1700	1
2015-07	N	\$ 3.2000	235
2015-07	N	\$ 3.2400	1
2015-07	N	\$ 3.2500	41
2015-07	N	\$ 3.3000	284
2015-07	N	\$ 3.3200	1
2015-07	N	\$ 3.3300	1
2015-07	N	\$ 3.3500	43
2015-07	N	\$ 3.4000	181
2015-07	N	\$ 3.4300	1
2015-07	N	\$ 3.4500	56
2015-07	N	\$ 3.5000	201
2015-07	N	\$ 3.5300	2
2015-07	N	\$ 3.5400	1
2015-07	N	\$ 3.5500	34
2015-07	N	\$ 3.6000	146
2015-07	N	\$ 3.6300	1
2015-07	N	\$ 3.6400	1
2015-07	N	\$ 3.6500	30
2015-07	N	\$ 3.7000	104
2015-07	N	\$ 3.7500	40
2015-07	N	\$ 3.8000	110
2015-07	N	\$ 3.8500	28
2015-07	N	\$ 3.8900	1
2015-07	N	\$ 3.9000	120
2015-07	N	\$ 3.9500	23
2015-07	N	\$ 3.9800	1
2015-07	N	\$ 4.0000	98
2015-07	N	\$ 4.0500	21

2015-07	N	\$ 4.1000	64
2015-07	N	\$ 4.1500	12
2015-07	N	\$ 4.1600	1
2015-07	N	\$ 4.2000	73
2015-07	N	\$ 4.2500	18
2015-07	N	\$ 4.2700	1
2015-07	N	\$ 4.3000	48
2015-07	N	\$ 4.3500	12
2015-07	N	\$ 4.4000	48
2015-07	N	\$ 4.4400	1
2015-07	N	\$ 4.4500	9
2015-07	N	\$ 4.4900	1
2015-07	N	\$ 4.5000	49
2015-07	N	\$ 4.5500	11
2015-07	N	\$ 4.6000	32
2015-07	N	\$ 4.6500	12
2015-07	N	\$ 4.7000	28
2015-07	N	\$ 4.7200	1
2015-07	N	\$ 4.7500	13
2015-07	N	\$ 4.8000	6
2015-07	N	\$ 4.8500	3
2015-07	N	\$ 4.9000	13
2015-07	N	\$ 4.9500	1
2015-07	N	\$ 5.0000	12
2015-07	N	\$ 7.1000	1
2015-07	N	\$ 8.9000	1
2015-07	N	\$ 9.7000	1
2015-07	N	\$ 9.9000	1

NBBO Spread Increment and Trade by

Business Month	Mini Option	Order < 50 Ctx?	NBBO Spread	Trade By	% Trade By
2015-07	N	N	\$0.01	a	38.24%
2015-07	N	N	\$0.01	b	60.07%
2015-07	N	N	\$0.01	c	0.04%
2015-07	N	N	\$0.01	f	1.03%
2015-07	N	N	\$0.01	X	0.61%
2015-07	N	N	\$0.02	a	30.84%
2015-07	N	N	\$0.02	b	68.19%
2015-07	N	N	\$0.02	c	0.09%
2015-07	N	N	\$0.02	f	0.16%
2015-07	N	N	\$0.02	X	0.72%
2015-07	N	N	\$0.03	a	31.38%
2015-07	N	N	\$0.03	b	67.50%
2015-07	N	N	\$0.03	c	0.18%
2015-07	N	N	\$0.03	f	0.07%
2015-07	N	N	\$0.03	X	0.87%
2015-07	N	N	\$0.04	a	31.99%
2015-07	N	N	\$0.04	b	66.95%
2015-07	N	N	\$0.04	c	0.32%
2015-07	N	N	\$0.04	f	0.03%
2015-07	N	N	\$0.04	X	0.71%
2015-07	N	N	\$0.05	a	36.59%
2015-07	N	N	\$0.05	b	61.31%
2015-07	N	N	\$0.05	c	0.73%
2015-07	N	N	\$0.05	f	0.10%
2015-07	N	N	\$0.05	X	1.26%
2015-07	N	N	\$0.06	a	34.86%
2015-07	N	N	\$0.06	b	62.60%
2015-07	N	N	\$0.06	c	0.79%
2015-07	N	N	\$0.06	f	0.04%
2015-07	N	N	\$0.06	X	1.70%
2015-07	N	N	\$0.07	a	35.64%
2015-07	N	N	\$0.07	b	62.78%
2015-07	N	N	\$0.07	c	0.53%
2015-07	N	N	\$0.07	X	1.06%
2015-07	N	N	\$0.08	a	35.75%
2015-07	N	N	\$0.08	b	61.51%
2015-07	N	N	\$0.08	c	0.55%
2015-07	N	N	\$0.08	f	0.07%
2015-07	N	N	\$0.08	X	2.12%
2015-07	N	N	\$0.09	a	31.35%
2015-07	N	N	\$0.09	b	66.79%
2015-07	N	N	\$0.09	c	0.65%
2015-07	N	N	\$0.09	X	1.21%
2015-07	N	N	\$0.10	a	37.02%
2015-07	N	N	\$0.10	b	60.35%
2015-07	N	N	\$0.10	c	1.22%
2015-07	N	N	\$0.10	f	0.09%
2015-07	N	N	\$0.10	X	1.33%
2015-07	N	N	\$0.11	a	33.07%
2015-07	N	N	\$0.11	b	63.37%
2015-07	N	N	\$0.11	c	1.32%
2015-07	N	N	\$0.11	X	2.24%
2015-07	N	N	\$0.12	a	33.12%
2015-07	N	N	\$0.12	b	62.48%
2015-07	N	N	\$0.12	c	0.65%
2015-07	N	N	\$0.12	X	3.75%
2015-07	N	N	\$0.13	a	37.47%

2015-07	N	N	\$0.13	b	58.39%
2015-07	N	N	\$0.13	c	1.31%
2015-07	N	N	\$0.13	X	2.83%
2015-07	N	N	\$0.14	a	35.37%
2015-07	N	N	\$0.14	b	61.17%
2015-07	N	N	\$0.14	c	0.53%
2015-07	N	N	\$0.14	X	2.93%
2015-07	N	N	\$0.15	a	38.35%
2015-07	N	N	\$0.15	b	57.82%
2015-07	N	N	\$0.15	c	1.51%
2015-07	N	N	\$0.15	f	0.03%
2015-07	N	N	\$0.15	X	2.29%
2015-07	N	N	\$0.16	a	33.46%
2015-07	N	N	\$0.16	b	61.65%
2015-07	N	N	\$0.16	c	1.13%
2015-07	N	N	\$0.16	X	3.76%
2015-07	N	N	\$0.17	a	36.72%
2015-07	N	N	\$0.17	b	54.59%
2015-07	N	N	\$0.17	c	2.42%
2015-07	N	N	\$0.17	X	6.28%
2015-07	N	N	\$0.18	a	39.26%
2015-07	N	N	\$0.18	b	52.59%
2015-07	N	N	\$0.18	c	1.48%
2015-07	N	N	\$0.18	X	6.67%
2015-07	N	N	\$0.19	a	38.46%
2015-07	N	N	\$0.19	b	56.41%
2015-07	N	N	\$0.19	c	1.92%
2015-07	N	N	\$0.19	X	3.21%
2015-07	N	N	\$0.20	a	37.01%
2015-07	N	N	\$0.20	b	59.48%
2015-07	N	N	\$0.20	c	1.38%
2015-07	N	N	\$0.20	f	0.14%
2015-07	N	N	\$0.20	X	1.98%
2015-07	N	N	\$0.21	a	37.98%
2015-07	N	N	\$0.21	b	53.49%
2015-07	N	N	\$0.21	c	3.10%
2015-07	N	N	\$0.21	X	5.43%
2015-07	N	N	\$0.22	a	37.08%
2015-07	N	N	\$0.22	b	56.18%
2015-07	N	N	\$0.22	c	1.12%
2015-07	N	N	\$0.22	X	5.62%
2015-07	N	N	\$0.23	a	35.46%
2015-07	N	N	\$0.23	b	60.28%
2015-07	N	N	\$0.23	c	2.13%
2015-07	N	N	\$0.23	X	2.13%
2015-07	N	N	\$0.24	a	26.53%
2015-07	N	N	\$0.24	b	68.37%
2015-07	N	N	\$0.24	X	5.10%
2015-07	N	N	\$0.25	a	36.29%
2015-07	N	N	\$0.25	b	59.20%
2015-07	N	N	\$0.25	c	1.42%
2015-07	N	N	\$0.25	X	3.09%
2015-07	N	N	\$0.26	a	31.63%
2015-07	N	N	\$0.26	b	61.22%
2015-07	N	N	\$0.26	X	7.14%
2015-07	N	N	\$0.27	a	39.51%
2015-07	N	N	\$0.27	b	53.09%
2015-07	N	N	\$0.27	c	1.23%
2015-07	N	N	\$0.27	X	6.17%
2015-07	N	N	\$0.28	a	39.34%
2015-07	N	N	\$0.28	b	55.74%

2015-07	N	N	\$0.28	c	1.64%
2015-07	N	N	\$0.28	X	3.28%
2015-07	N	N	\$0.29	a	28.79%
2015-07	N	N	\$0.29	b	66.67%
2015-07	N	N	\$0.29	X	4.55%
2015-07	N	N	\$0.30	a	39.68%
2015-07	N	N	\$0.30	b	55.93%
2015-07	N	N	\$0.30	c	1.05%
2015-07	N	N	\$0.30	f	0.19%
2015-07	N	N	\$0.30	X	3.15%
2015-07	N	N	\$0.31	a	33.33%
2015-07	N	N	\$0.31	b	66.67%
2015-07	N	N	\$0.32	a	40.54%
2015-07	N	N	\$0.32	b	51.35%
2015-07	N	N	\$0.32	c	2.70%
2015-07	N	N	\$0.32	X	5.41%
2015-07	N	N	\$0.33	a	42.86%
2015-07	N	N	\$0.33	b	52.38%
2015-07	N	N	\$0.33	X	4.76%
2015-07	N	N	\$0.34	a	37.84%
2015-07	N	N	\$0.34	b	62.16%
2015-07	N	N	\$0.35	a	41.42%
2015-07	N	N	\$0.35	b	54.10%
2015-07	N	N	\$0.35	c	0.93%
2015-07	N	N	\$0.35	X	3.54%
2015-07	N	N	\$0.36	a	34.29%
2015-07	N	N	\$0.36	b	60.00%
2015-07	N	N	\$0.36	X	5.71%
2015-07	N	N	\$0.37	a	38.46%
2015-07	N	N	\$0.37	b	43.59%
2015-07	N	N	\$0.37	c	2.56%
2015-07	N	N	\$0.37	X	15.38%
2015-07	N	N	\$0.38	a	35.29%
2015-07	N	N	\$0.38	b	64.71%
2015-07	N	N	\$0.39	a	43.48%
2015-07	N	N	\$0.39	b	52.17%
2015-07	N	N	\$0.39	X	4.35%
2015-07	N	N	\$0.40	a	34.82%
2015-07	N	N	\$0.40	b	58.59%
2015-07	N	N	\$0.40	c	2.61%
2015-07	N	N	\$0.40	X	3.99%
2015-07	N	N	\$0.41	a	42.86%
2015-07	N	N	\$0.41	b	54.29%
2015-07	N	N	\$0.41	X	2.86%
2015-07	N	N	\$0.42	a	34.78%
2015-07	N	N	\$0.42	b	65.22%
2015-07	N	N	\$0.43	a	27.78%
2015-07	N	N	\$0.43	b	61.11%
2015-07	N	N	\$0.43	c	5.56%
2015-07	N	N	\$0.43	X	5.56%
2015-07	N	N	\$0.44	a	31.25%
2015-07	N	N	\$0.44	b	59.38%
2015-07	N	N	\$0.44	X	9.38%
2015-07	N	N	\$0.45	a	36.78%
2015-07	N	N	\$0.45	b	55.31%
2015-07	N	N	\$0.45	c	1.91%
2015-07	N	N	\$0.45	X	5.99%
2015-07	N	N	\$0.46	a	30.77%
2015-07	N	N	\$0.46	b	61.54%
2015-07	N	N	\$0.46	X	7.69%
2015-07	N	N	\$0.47	a	33.33%



2015-07	N	N	\$0.47	b	66.67%
2015-07	N	N	\$0.48	a	50.00%
2015-07	N	N	\$0.48	b	40.00%
2015-07	N	N	\$0.48	X	10.00%
2015-07	N	N	\$0.49	a	33.33%
2015-07	N	N	\$0.49	b	66.67%
2015-07	N	N	\$0.50	a	40.93%
2015-07	N	N	\$0.50	b	51.99%
2015-07	N	N	\$0.50	c	0.66%
2015-07	N	N	\$0.50	X	6.42%
2015-07	N	N	\$0.51	a	30.77%
2015-07	N	N	\$0.51	b	61.54%
2015-07	N	N	\$0.51	X	7.69%
2015-07	N	N	\$0.52	a	37.50%
2015-07	N	N	\$0.52	b	50.00%
2015-07	N	N	\$0.52	c	12.50%
2015-07	N	N	\$0.53	a	72.73%
2015-07	N	N	\$0.53	b	27.27%
2015-07	N	N	\$0.54	a	40.00%
2015-07	N	N	\$0.54	b	60.00%
2015-07	N	N	\$0.55	a	31.46%
2015-07	N	N	\$0.55	b	56.34%
2015-07	N	N	\$0.55	c	2.82%
2015-07	N	N	\$0.55	X	9.39%
2015-07	N	N	\$0.56	b	100.00%
2015-07	N	N	\$0.57	a	50.00%
2015-07	N	N	\$0.57	b	20.00%
2015-07	N	N	\$0.57	X	30.00%
2015-07	N	N	\$0.58	b	100.00%
2015-07	N	N	\$0.59	a	33.33%
2015-07	N	N	\$0.59	b	66.67%
2015-07	N	N	\$0.60	a	37.50%
2015-07	N	N	\$0.60	b	54.17%
2015-07	N	N	\$0.60	c	0.93%
2015-07	N	N	\$0.60	X	7.41%
2015-07	N	N	\$0.61	a	53.85%
2015-07	N	N	\$0.61	b	46.15%
2015-07	N	N	\$0.62	a	33.33%
2015-07	N	N	\$0.62	b	50.00%
2015-07	N	N	\$0.62	X	16.67%
2015-07	N	N	\$0.63	b	100.00%
2015-07	N	N	\$0.64	a	50.00%
2015-07	N	N	\$0.64	b	50.00%
2015-07	N	N	\$0.65	a	32.41%
2015-07	N	N	\$0.65	b	59.26%
2015-07	N	N	\$0.65	c	3.70%
2015-07	N	N	\$0.65	X	4.63%
2015-07	N	N	\$0.66	b	100.00%
2015-07	N	N	\$0.67	a	33.33%
2015-07	N	N	\$0.67	b	33.33%
2015-07	N	N	\$0.67	c	33.33%
2015-07	N	N	\$0.69	a	33.33%
2015-07	N	N	\$0.69	b	66.67%
2015-07	N	N	\$0.70	a	32.09%
2015-07	N	N	\$0.70	b	60.43%
2015-07	N	N	\$0.70	c	2.14%
2015-07	N	N	\$0.70	X	5.35%
2015-07	N	N	\$0.71	b	100.00%
2015-07	N	N	\$0.72	a	100.00%
2015-07	N	N	\$0.73	a	33.33%
2015-07	N	N	\$0.73	b	66.67%

2015-07	N	N	\$0.74	a	100.00%
2015-07	N	N	\$0.75	a	35.94%
2015-07	N	N	\$0.75	b	50.00%
2015-07	N	N	\$0.75	c	1.56%
2015-07	N	N	\$0.75	X	12.50%
2015-07	N	N	\$0.76	a	40.00%
2015-07	N	N	\$0.76	b	40.00%
2015-07	N	N	\$0.76	X	20.00%
2015-07	N	N	\$0.77	a	33.33%
2015-07	N	N	\$0.77	b	66.67%
2015-07	N	N	\$0.78	a	50.00%
2015-07	N	N	\$0.78	b	50.00%
2015-07	N	N	\$0.79	a	50.00%
2015-07	N	N	\$0.79	b	50.00%
2015-07	N	N	\$0.80	a	35.77%
2015-07	N	N	\$0.80	b	53.66%
2015-07	N	N	\$0.80	c	0.81%
2015-07	N	N	\$0.80	X	9.76%
2015-07	N	N	\$0.81	a	33.33%
2015-07	N	N	\$0.81	b	66.67%
2015-07	N	N	\$0.82	a	25.00%
2015-07	N	N	\$0.82	b	75.00%
2015-07	N	N	\$0.84	b	100.00%
2015-07	N	N	\$0.85	a	22.03%
2015-07	N	N	\$0.85	b	61.02%
2015-07	N	N	\$0.85	c	1.69%
2015-07	N	N	\$0.85	X	15.25%
2015-07	N	N	\$0.86	a	100.00%
2015-07	N	N	\$0.87	b	100.00%
2015-07	N	N	\$0.90	a	35.63%
2015-07	N	N	\$0.90	b	54.02%
2015-07	N	N	\$0.90	c	2.30%
2015-07	N	N	\$0.90	X	8.05%
2015-07	N	N	\$0.94	a	50.00%
2015-07	N	N	\$0.94	b	50.00%
2015-07	N	N	\$0.95	a	38.10%
2015-07	N	N	\$0.95	b	35.71%
2015-07	N	N	\$0.95	c	2.38%
2015-07	N	N	\$0.95	X	23.81%
2015-07	N	N	\$0.98	a	25.00%
2015-07	N	N	\$0.98	b	75.00%
2015-07	N	N	\$1.00	a	37.04%
2015-07	N	N	\$1.00	b	46.91%
2015-07	N	N	\$1.00	c	1.23%
2015-07	N	N	\$1.00	X	14.81%
2015-07	N	N	\$1.01	a	50.00%
2015-07	N	N	\$1.01	b	50.00%
2015-07	N	N	\$1.02	a	50.00%
2015-07	N	N	\$1.02	b	50.00%
2015-07	N	N	\$1.03	a	33.33%
2015-07	N	N	\$1.03	b	66.67%
2015-07	N	N	\$1.04	b	100.00%
2015-07	N	N	\$1.05	a	61.90%
2015-07	N	N	\$1.05	b	33.33%
2015-07	N	N	\$1.05	X	4.76%
2015-07	N	N	\$1.07	a	50.00%
2015-07	N	N	\$1.07	b	50.00%
2015-07	N	N	\$1.10	a	33.33%
2015-07	N	N	\$1.10	b	44.44%
2015-07	N	N	\$1.10	c	5.56%
2015-07	N	N	\$1.10	X	16.67%

2015-07	N	N	\$1.12	a	33.33%
2015-07	N	N	\$1.12	b	66.67%
2015-07	N	N	\$1.15	a	31.25%
2015-07	N	N	\$1.15	b	62.50%
2015-07	N	N	\$1.15	c	6.25%
2015-07	N	N	\$1.20	a	36.73%
2015-07	N	N	\$1.20	b	53.06%
2015-07	N	N	\$1.20	c	6.12%
2015-07	N	N	\$1.20	X	4.08%
2015-07	N	N	\$1.25	a	40.00%
2015-07	N	N	\$1.25	b	40.00%
2015-07	N	N	\$1.25	X	20.00%
2015-07	N	N	\$1.28	a	50.00%
2015-07	N	N	\$1.28	b	50.00%
2015-07	N	N	\$1.30	a	40.74%
2015-07	N	N	\$1.30	b	55.56%
2015-07	N	N	\$1.30	X	3.70%
2015-07	N	N	\$1.35	a	35.71%
2015-07	N	N	\$1.35	b	64.29%
2015-07	N	N	\$1.38	a	50.00%
2015-07	N	N	\$1.38	b	50.00%
2015-07	N	N	\$1.40	a	37.84%
2015-07	N	N	\$1.40	b	40.54%
2015-07	N	N	\$1.40	X	21.62%
2015-07	N	N	\$1.45	a	30.00%
2015-07	N	N	\$1.45	b	70.00%
2015-07	N	N	\$1.50	a	33.33%
2015-07	N	N	\$1.50	b	41.67%
2015-07	N	N	\$1.50	X	25.00%
2015-07	N	N	\$1.55	a	39.29%
2015-07	N	N	\$1.55	b	46.43%
2015-07	N	N	\$1.55	c	7.14%
2015-07	N	N	\$1.55	X	7.14%
2015-07	N	N	\$1.58	a	33.33%
2015-07	N	N	\$1.58	b	66.67%
2015-07	N	N	\$1.60	a	40.00%
2015-07	N	N	\$1.60	b	44.00%
2015-07	N	N	\$1.60	X	16.00%
2015-07	N	N	\$1.65	a	46.67%
2015-07	N	N	\$1.65	b	46.67%
2015-07	N	N	\$1.65	X	6.67%
2015-07	N	N	\$1.70	a	50.00%
2015-07	N	N	\$1.70	b	30.00%
2015-07	N	N	\$1.70	c	20.00%
2015-07	N	N	\$1.75	a	11.11%
2015-07	N	N	\$1.75	b	66.67%
2015-07	N	N	\$1.75	c	22.22%
2015-07	N	N	\$1.80	a	26.32%
2015-07	N	N	\$1.80	b	42.11%
2015-07	N	N	\$1.80	c	5.26%
2015-07	N	N	\$1.80	X	26.32%
2015-07	N	N	\$1.82	X	100.00%
2015-07	N	N	\$1.85	a	66.67%
2015-07	N	N	\$1.85	b	33.33%
2015-07	N	N	\$1.90	a	45.45%
2015-07	N	N	\$1.90	b	54.55%
2015-07	N	N	\$1.95	a	15.38%
2015-07	N	N	\$1.95	b	30.77%
2015-07	N	N	\$1.95	X	53.85%
2015-07	N	N	\$2.00	a	50.00%
2015-07	N	N	\$2.00	b	50.00%

2015-07	N	N	\$2.10	a	37.50%
2015-07	N	N	\$2.10	b	62.50%
2015-07	N	N	\$2.15	b	100.00%
2015-07	N	N	\$2.20	a	25.00%
2015-07	N	N	\$2.20	b	25.00%
2015-07	N	N	\$2.20	X	50.00%
2015-07	N	N	\$2.25	a	66.67%
2015-07	N	N	\$2.25	X	33.33%
2015-07	N	N	\$2.30	a	50.00%
2015-07	N	N	\$2.30	b	50.00%
2015-07	N	N	\$2.35	a	22.22%
2015-07	N	N	\$2.35	b	77.78%
2015-07	N	N	\$2.40	a	28.57%
2015-07	N	N	\$2.40	b	71.43%
2015-07	N	N	\$2.50	a	18.18%
2015-07	N	N	\$2.50	b	45.45%
2015-07	N	N	\$2.50	X	36.36%
2015-07	N	N	\$2.55	a	11.11%
2015-07	N	N	\$2.55	b	66.67%
2015-07	N	N	\$2.55	X	22.22%
2015-07	N	N	\$2.60	a	33.33%
2015-07	N	N	\$2.60	b	66.67%
2015-07	N	N	\$2.70	a	25.00%
2015-07	N	N	\$2.70	b	75.00%
2015-07	N	N	\$2.75	a	50.00%
2015-07	N	N	\$2.75	b	50.00%
2015-07	N	N	\$2.80	a	30.77%
2015-07	N	N	\$2.80	b	61.54%
2015-07	N	N	\$2.80	c	7.69%
2015-07	N	N	\$2.85	a	50.00%
2015-07	N	N	\$2.85	b	50.00%
2015-07	N	N	\$2.95	a	25.00%
2015-07	N	N	\$2.95	b	75.00%
2015-07	N	N	\$3.00	a	20.00%
2015-07	N	N	\$3.00	b	30.00%
2015-07	N	N	\$3.00	c	10.00%
2015-07	N	N	\$3.00	X	40.00%
2015-07	N	N	\$3.05	a	50.00%
2015-07	N	N	\$3.05	b	50.00%
2015-07	N	N	\$3.15	a	100.00%
2015-07	N	N	\$3.20	a	33.33%
2015-07	N	N	\$3.20	b	66.67%
2015-07	N	N	\$3.25	a	25.00%
2015-07	N	N	\$3.25	b	25.00%
2015-07	N	N	\$3.25	X	50.00%
2015-07	N	N	\$3.30	a	25.00%
2015-07	N	N	\$3.30	b	75.00%
2015-07	N	N	\$3.50	a	40.00%
2015-07	N	N	\$3.50	b	40.00%
2015-07	N	N	\$3.50	X	20.00%
2015-07	N	N	\$3.60	a	100.00%
2015-07	N	N	\$3.70	a	33.33%
2015-07	N	N	\$3.70	b	66.67%
2015-07	N	N	\$3.75	a	50.00%
2015-07	N	N	\$3.75	b	50.00%
2015-07	N	N	\$3.90	a	50.00%
2015-07	N	N	\$3.90	b	50.00%
2015-07	N	N	\$3.95	c	100.00%
2015-07	N	N	\$4.00	a	50.00%
2015-07	N	N	\$4.00	b	50.00%
2015-07	N	N	\$4.15	a	100.00%

2015-07	N	N	\$4.20	a	33.33%
2015-07	N	N	\$4.20	b	66.67%
2015-07	N	N	\$4.40	a	100.00%
2015-07	N	N	\$4.50	a	33.33%
2015-07	N	N	\$4.50	b	66.67%
2015-07	N	N	\$4.65	a	50.00%
2015-07	N	N	\$4.65	b	50.00%
2015-07	N	N	\$4.70	a	50.00%
2015-07	N	N	\$4.70	b	50.00%
2015-07	N	N	\$4.85	a	25.00%
2015-07	N	N	\$4.85	b	75.00%
2015-07	N	N	\$4.95	a	100.00%
2015-07	N	Y	\$0.01	a	47.67%
2015-07	N	Y	\$0.01	b	50.71%
2015-07	N	Y	\$0.01	c	0.05%
2015-07	N	Y	\$0.01	f	1.06%
2015-07	N	Y	\$0.01	X	0.51%
2015-07	N	Y	\$0.02	a	43.34%
2015-07	N	Y	\$0.02	b	55.76%
2015-07	N	Y	\$0.02	c	0.08%
2015-07	N	Y	\$0.02	f	0.23%
2015-07	N	Y	\$0.02	X	0.58%
2015-07	N	Y	\$0.03	a	42.17%
2015-07	N	Y	\$0.03	b	56.98%
2015-07	N	Y	\$0.03	c	0.16%
2015-07	N	Y	\$0.03	f	0.08%
2015-07	N	Y	\$0.03	X	0.61%
2015-07	N	Y	\$0.04	a	42.48%
2015-07	N	Y	\$0.04	b	56.33%
2015-07	N	Y	\$0.04	c	0.29%
2015-07	N	Y	\$0.04	f	0.06%
2015-07	N	Y	\$0.04	X	0.83%
2015-07	N	Y	\$0.05	a	44.12%
2015-07	N	Y	\$0.05	b	54.13%
2015-07	N	Y	\$0.05	c	0.70%
2015-07	N	Y	\$0.05	f	0.14%
2015-07	N	Y	\$0.05	X	0.91%
2015-07	N	Y	\$0.06	a	42.54%
2015-07	N	Y	\$0.06	b	56.15%
2015-07	N	Y	\$0.06	c	0.44%
2015-07	N	Y	\$0.06	f	0.04%
2015-07	N	Y	\$0.06	X	0.83%
2015-07	N	Y	\$0.07	a	42.43%
2015-07	N	Y	\$0.07	b	56.01%
2015-07	N	Y	\$0.07	c	0.50%
2015-07	N	Y	\$0.07	f	0.02%
2015-07	N	Y	\$0.07	X	1.04%
2015-07	N	Y	\$0.08	a	41.76%
2015-07	N	Y	\$0.08	b	56.60%
2015-07	N	Y	\$0.08	c	0.51%
2015-07	N	Y	\$0.08	f	0.02%
2015-07	N	Y	\$0.08	X	1.12%
2015-07	N	Y	\$0.09	a	41.85%
2015-07	N	Y	\$0.09	b	56.48%
2015-07	N	Y	\$0.09	c	0.55%
2015-07	N	Y	\$0.09	f	0.03%
2015-07	N	Y	\$0.09	X	1.09%
2015-07	N	Y	\$0.10	a	44.19%
2015-07	N	Y	\$0.10	b	53.90%
2015-07	N	Y	\$0.10	c	0.89%
2015-07	N	Y	\$0.10	f	0.02%

2015-07	N	Y	\$0.10	X	1.00%
2015-07	N	Y	\$0.11	a	41.30%
2015-07	N	Y	\$0.11	b	56.79%
2015-07	N	Y	\$0.11	c	0.51%
2015-07	N	Y	\$0.11	f	0.02%
2015-07	N	Y	\$0.11	X	1.39%
2015-07	N	Y	\$0.12	a	42.20%
2015-07	N	Y	\$0.12	b	55.92%
2015-07	N	Y	\$0.12	c	0.62%
2015-07	N	Y	\$0.12	f	0.02%
2015-07	N	Y	\$0.12	X	1.24%
2015-07	N	Y	\$0.13	a	40.26%
2015-07	N	Y	\$0.13	b	57.52%
2015-07	N	Y	\$0.13	c	0.61%
2015-07	N	Y	\$0.13	f	0.01%
2015-07	N	Y	\$0.13	X	1.60%
2015-07	N	Y	\$0.14	a	41.18%
2015-07	N	Y	\$0.14	b	56.38%
2015-07	N	Y	\$0.14	c	0.80%
2015-07	N	Y	\$0.14	X	1.65%
2015-07	N	Y	\$0.15	a	44.69%
2015-07	N	Y	\$0.15	b	53.09%
2015-07	N	Y	\$0.15	c	0.93%
2015-07	N	Y	\$0.15	f	0.00%
2015-07	N	Y	\$0.15	X	1.30%
2015-07	N	Y	\$0.16	a	40.81%
2015-07	N	Y	\$0.16	b	56.42%
2015-07	N	Y	\$0.16	c	0.74%
2015-07	N	Y	\$0.16	X	2.03%
2015-07	N	Y	\$0.17	a	41.62%
2015-07	N	Y	\$0.17	b	55.83%
2015-07	N	Y	\$0.17	c	0.69%
2015-07	N	Y	\$0.17	X	1.86%
2015-07	N	Y	\$0.18	a	39.53%
2015-07	N	Y	\$0.18	b	57.76%
2015-07	N	Y	\$0.18	c	0.86%
2015-07	N	Y	\$0.18	X	1.84%
2015-07	N	Y	\$0.19	a	40.50%
2015-07	N	Y	\$0.19	b	56.19%
2015-07	N	Y	\$0.19	c	1.08%
2015-07	N	Y	\$0.19	X	2.23%
2015-07	N	Y	\$0.20	a	45.50%
2015-07	N	Y	\$0.20	b	51.84%
2015-07	N	Y	\$0.20	c	1.14%
2015-07	N	Y	\$0.20	f	0.01%
2015-07	N	Y	\$0.20	X	1.52%
2015-07	N	Y	\$0.21	a	39.75%
2015-07	N	Y	\$0.21	b	56.78%
2015-07	N	Y	\$0.21	c	0.84%
2015-07	N	Y	\$0.21	X	2.63%
2015-07	N	Y	\$0.22	a	40.88%
2015-07	N	Y	\$0.22	b	55.60%
2015-07	N	Y	\$0.22	c	0.79%
2015-07	N	Y	\$0.22	X	2.73%
2015-07	N	Y	\$0.23	a	41.22%
2015-07	N	Y	\$0.23	b	55.21%
2015-07	N	Y	\$0.23	c	0.94%
2015-07	N	Y	\$0.23	X	2.63%
2015-07	N	Y	\$0.24	a	40.26%
2015-07	N	Y	\$0.24	b	55.43%
2015-07	N	Y	\$0.24	c	1.15%

2015-07	N	Y	\$0.24	X	3.16%
2015-07	N	Y	\$0.25	a	44.78%
2015-07	N	Y	\$0.25	b	52.54%
2015-07	N	Y	\$0.25	c	0.93%
2015-07	N	Y	\$0.25	f	0.00%
2015-07	N	Y	\$0.25	X	1.75%
2015-07	N	Y	\$0.26	a	39.56%
2015-07	N	Y	\$0.26	b	56.22%
2015-07	N	Y	\$0.26	c	1.00%
2015-07	N	Y	\$0.26	f	0.07%
2015-07	N	Y	\$0.26	X	3.15%
2015-07	N	Y	\$0.27	a	38.71%
2015-07	N	Y	\$0.27	b	57.40%
2015-07	N	Y	\$0.27	c	0.79%
2015-07	N	Y	\$0.27	X	3.10%
2015-07	N	Y	\$0.28	a	40.54%
2015-07	N	Y	\$0.28	b	55.72%
2015-07	N	Y	\$0.28	c	1.48%
2015-07	N	Y	\$0.28	X	2.26%
2015-07	N	Y	\$0.29	a	39.39%
2015-07	N	Y	\$0.29	b	56.62%
2015-07	N	Y	\$0.29	c	0.88%
2015-07	N	Y	\$0.29	X	3.11%
2015-07	N	Y	\$0.30	a	44.18%
2015-07	N	Y	\$0.30	b	52.92%
2015-07	N	Y	\$0.30	c	1.11%
2015-07	N	Y	\$0.30	f	0.00%
2015-07	N	Y	\$0.30	X	1.79%
2015-07	N	Y	\$0.31	a	40.06%
2015-07	N	Y	\$0.31	b	55.41%
2015-07	N	Y	\$0.31	c	1.67%
2015-07	N	Y	\$0.31	X	2.85%
2015-07	N	Y	\$0.32	a	38.10%
2015-07	N	Y	\$0.32	b	56.67%
2015-07	N	Y	\$0.32	c	2.13%
2015-07	N	Y	\$0.32	X	3.10%
2015-07	N	Y	\$0.33	a	40.37%
2015-07	N	Y	\$0.33	b	56.13%
2015-07	N	Y	\$0.33	c	0.47%
2015-07	N	Y	\$0.33	X	3.03%
2015-07	N	Y	\$0.34	a	40.51%
2015-07	N	Y	\$0.34	b	55.74%
2015-07	N	Y	\$0.34	c	1.09%
2015-07	N	Y	\$0.34	X	2.66%
2015-07	N	Y	\$0.35	a	44.12%
2015-07	N	Y	\$0.35	b	52.94%
2015-07	N	Y	\$0.35	c	0.94%
2015-07	N	Y	\$0.35	X	2.01%
2015-07	N	Y	\$0.36	a	41.67%
2015-07	N	Y	\$0.36	b	55.03%
2015-07	N	Y	\$0.36	c	0.79%
2015-07	N	Y	\$0.36	X	2.51%
2015-07	N	Y	\$0.37	a	39.08%
2015-07	N	Y	\$0.37	b	57.85%
2015-07	N	Y	\$0.37	c	0.89%
2015-07	N	Y	\$0.37	X	2.17%
2015-07	N	Y	\$0.38	a	40.47%
2015-07	N	Y	\$0.38	b	57.32%
2015-07	N	Y	\$0.38	X	2.20%
2015-07	N	Y	\$0.39	a	40.53%
2015-07	N	Y	\$0.39	b	54.86%

2015-07	N	Y	\$0.39	c	1.15%
2015-07	N	Y	\$0.39	X	3.46%
2015-07	N	Y	\$0.40	a	43.97%
2015-07	N	Y	\$0.40	b	52.91%
2015-07	N	Y	\$0.40	c	1.13%
2015-07	N	Y	\$0.40	f	0.00%
2015-07	N	Y	\$0.40	X	1.99%
2015-07	N	Y	\$0.41	a	39.10%
2015-07	N	Y	\$0.41	b	55.80%
2015-07	N	Y	\$0.41	c	1.18%
2015-07	N	Y	\$0.41	X	3.93%
2015-07	N	Y	\$0.42	a	40.68%
2015-07	N	Y	\$0.42	b	54.51%
2015-07	N	Y	\$0.42	c	1.60%
2015-07	N	Y	\$0.42	X	3.21%
2015-07	N	Y	\$0.43	a	35.49%
2015-07	N	Y	\$0.43	b	60.54%
2015-07	N	Y	\$0.43	c	1.25%
2015-07	N	Y	\$0.43	X	2.71%
2015-07	N	Y	\$0.44	a	43.87%
2015-07	N	Y	\$0.44	b	52.77%
2015-07	N	Y	\$0.44	c	0.59%
2015-07	N	Y	\$0.44	X	2.77%
2015-07	N	Y	\$0.45	a	42.96%
2015-07	N	Y	\$0.45	b	54.25%
2015-07	N	Y	\$0.45	c	0.73%
2015-07	N	Y	\$0.45	X	2.07%
2015-07	N	Y	\$0.46	a	40.72%
2015-07	N	Y	\$0.46	b	56.63%
2015-07	N	Y	\$0.46	c	1.45%
2015-07	N	Y	\$0.46	X	1.20%
2015-07	N	Y	\$0.47	a	40.54%
2015-07	N	Y	\$0.47	b	53.24%
2015-07	N	Y	\$0.47	c	2.16%
2015-07	N	Y	\$0.47	X	4.05%
2015-07	N	Y	\$0.48	a	43.93%
2015-07	N	Y	\$0.48	b	50.73%
2015-07	N	Y	\$0.48	c	1.46%
2015-07	N	Y	\$0.48	X	3.88%
2015-07	N	Y	\$0.49	a	48.01%
2015-07	N	Y	\$0.49	b	46.79%
2015-07	N	Y	\$0.49	c	1.53%
2015-07	N	Y	\$0.49	X	3.67%
2015-07	N	Y	\$0.50	a	42.90%
2015-07	N	Y	\$0.50	b	53.81%
2015-07	N	Y	\$0.50	c	1.18%
2015-07	N	Y	\$0.50	f	0.02%
2015-07	N	Y	\$0.50	X	2.10%
2015-07	N	Y	\$0.51	a	43.28%
2015-07	N	Y	\$0.51	b	52.99%
2015-07	N	Y	\$0.51	c	0.75%
2015-07	N	Y	\$0.51	X	2.99%
2015-07	N	Y	\$0.52	a	43.10%
2015-07	N	Y	\$0.52	b	53.02%
2015-07	N	Y	\$0.52	c	0.86%
2015-07	N	Y	\$0.52	X	3.02%
2015-07	N	Y	\$0.53	a	44.13%
2015-07	N	Y	\$0.53	b	54.19%
2015-07	N	Y	\$0.53	c	1.12%
2015-07	N	Y	\$0.53	X	0.56%
2015-07	N	Y	\$0.54	a	37.37%



2015-07	N	Y	\$0.54	b	57.89%
2015-07	N	Y	\$0.54	c	1.05%
2015-07	N	Y	\$0.54	X	3.68%
2015-07	N	Y	\$0.55	a	40.74%
2015-07	N	Y	\$0.55	b	56.23%
2015-07	N	Y	\$0.55	c	0.76%
2015-07	N	Y	\$0.55	X	2.27%
2015-07	N	Y	\$0.56	a	40.40%
2015-07	N	Y	\$0.56	b	55.56%
2015-07	N	Y	\$0.56	c	1.01%
2015-07	N	Y	\$0.56	X	3.03%
2015-07	N	Y	\$0.57	a	34.81%
2015-07	N	Y	\$0.57	b	60.76%
2015-07	N	Y	\$0.57	c	1.27%
2015-07	N	Y	\$0.57	X	3.16%
2015-07	N	Y	\$0.58	a	39.65%
2015-07	N	Y	\$0.58	b	56.80%
2015-07	N	Y	\$0.58	c	0.59%
2015-07	N	Y	\$0.58	X	2.96%
2015-07	N	Y	\$0.59	a	40.61%
2015-07	N	Y	\$0.59	b	55.33%
2015-07	N	Y	\$0.59	c	1.02%
2015-07	N	Y	\$0.59	X	3.05%
2015-07	N	Y	\$0.60	a	41.08%
2015-07	N	Y	\$0.60	b	55.77%
2015-07	N	Y	\$0.60	c	0.91%
2015-07	N	Y	\$0.60	X	2.23%
2015-07	N	Y	\$0.61	a	34.71%
2015-07	N	Y	\$0.61	b	61.98%
2015-07	N	Y	\$0.61	c	0.83%
2015-07	N	Y	\$0.61	X	2.48%
2015-07	N	Y	\$0.62	a	36.81%
2015-07	N	Y	\$0.62	b	60.74%
2015-07	N	Y	\$0.62	X	2.45%
2015-07	N	Y	\$0.63	a	36.63%
2015-07	N	Y	\$0.63	b	56.44%
2015-07	N	Y	\$0.63	c	1.98%
2015-07	N	Y	\$0.63	X	4.95%
2015-07	N	Y	\$0.64	a	42.61%
2015-07	N	Y	\$0.64	b	53.91%
2015-07	N	Y	\$0.64	c	1.74%
2015-07	N	Y	\$0.64	X	1.74%
2015-07	N	Y	\$0.65	a	39.83%
2015-07	N	Y	\$0.65	b	57.45%
2015-07	N	Y	\$0.65	c	0.47%
2015-07	N	Y	\$0.65	X	2.25%
2015-07	N	Y	\$0.66	a	37.74%
2015-07	N	Y	\$0.66	b	55.66%
2015-07	N	Y	\$0.66	c	2.83%
2015-07	N	Y	\$0.66	X	3.77%
2015-07	N	Y	\$0.67	a	39.56%
2015-07	N	Y	\$0.67	b	56.04%
2015-07	N	Y	\$0.67	c	2.20%
2015-07	N	Y	\$0.67	X	2.20%
2015-07	N	Y	\$0.68	a	37.82%
2015-07	N	Y	\$0.68	b	59.66%
2015-07	N	Y	\$0.68	c	0.84%
2015-07	N	Y	\$0.68	X	1.68%
2015-07	N	Y	\$0.69	a	39.39%
2015-07	N	Y	\$0.69	b	55.56%
2015-07	N	Y	\$0.69	c	2.02%

2015-07	N	Y	\$0.69	X	3.03%
2015-07	N	Y	\$0.70	a	40.47%
2015-07	N	Y	\$0.70	b	55.94%
2015-07	N	Y	\$0.70	c	1.20%
2015-07	N	Y	\$0.70	X	2.39%
2015-07	N	Y	\$0.71	a	46.34%
2015-07	N	Y	\$0.71	b	50.00%
2015-07	N	Y	\$0.71	X	3.66%
2015-07	N	Y	\$0.72	a	36.17%
2015-07	N	Y	\$0.72	b	57.45%
2015-07	N	Y	\$0.72	c	2.13%
2015-07	N	Y	\$0.72	X	4.26%
2015-07	N	Y	\$0.73	a	37.00%
2015-07	N	Y	\$0.73	b	60.00%
2015-07	N	Y	\$0.73	c	1.00%
2015-07	N	Y	\$0.73	X	2.00%
2015-07	N	Y	\$0.74	a	38.46%
2015-07	N	Y	\$0.74	b	56.04%
2015-07	N	Y	\$0.74	X	5.49%
2015-07	N	Y	\$0.75	a	38.81%
2015-07	N	Y	\$0.75	b	57.97%
2015-07	N	Y	\$0.75	c	0.78%
2015-07	N	Y	\$0.75	f	0.04%
2015-07	N	Y	\$0.75	X	2.41%
2015-07	N	Y	\$0.76	a	36.96%
2015-07	N	Y	\$0.76	b	60.87%
2015-07	N	Y	\$0.76	X	2.17%
2015-07	N	Y	\$0.77	a	39.77%
2015-07	N	Y	\$0.77	b	56.82%
2015-07	N	Y	\$0.77	c	1.14%
2015-07	N	Y	\$0.77	X	2.27%
2015-07	N	Y	\$0.78	a	39.24%
2015-07	N	Y	\$0.78	b	54.43%
2015-07	N	Y	\$0.78	c	2.53%
2015-07	N	Y	\$0.78	X	3.80%
2015-07	N	Y	\$0.79	a	39.29%
2015-07	N	Y	\$0.79	b	51.79%
2015-07	N	Y	\$0.79	c	1.79%
2015-07	N	Y	\$0.79	X	7.14%
2015-07	N	Y	\$0.80	a	39.48%
2015-07	N	Y	\$0.80	b	56.12%
2015-07	N	Y	\$0.80	c	1.16%
2015-07	N	Y	\$0.80	X	3.24%
2015-07	N	Y	\$0.81	a	37.21%
2015-07	N	Y	\$0.81	b	60.47%
2015-07	N	Y	\$0.81	X	2.33%
2015-07	N	Y	\$0.82	a	33.33%
2015-07	N	Y	\$0.82	b	60.26%
2015-07	N	Y	\$0.82	c	1.28%
2015-07	N	Y	\$0.82	X	5.13%
2015-07	N	Y	\$0.83	a	43.59%
2015-07	N	Y	\$0.83	b	43.59%
2015-07	N	Y	\$0.83	c	2.56%
2015-07	N	Y	\$0.83	X	10.26%
2015-07	N	Y	\$0.84	a	51.11%
2015-07	N	Y	\$0.84	b	46.67%
2015-07	N	Y	\$0.84	X	2.22%
2015-07	N	Y	\$0.85	a	38.17%
2015-07	N	Y	\$0.85	b	57.96%
2015-07	N	Y	\$0.85	c	0.91%
2015-07	N	Y	\$0.85	X	2.97%

2015-07	N	Y	\$0.86	a	56.25%
2015-07	N	Y	\$0.86	b	37.50%
2015-07	N	Y	\$0.86	c	3.13%
2015-07	N	Y	\$0.86	X	3.13%
2015-07	N	Y	\$0.87	a	44.90%
2015-07	N	Y	\$0.87	b	51.02%
2015-07	N	Y	\$0.87	c	2.04%
2015-07	N	Y	\$0.87	X	2.04%
2015-07	N	Y	\$0.88	a	50.00%
2015-07	N	Y	\$0.88	b	46.88%
2015-07	N	Y	\$0.88	c	3.13%
2015-07	N	Y	\$0.89	a	38.46%
2015-07	N	Y	\$0.89	b	56.41%
2015-07	N	Y	\$0.89	X	5.13%
2015-07	N	Y	\$0.90	a	40.06%
2015-07	N	Y	\$0.90	b	56.39%
2015-07	N	Y	\$0.90	c	1.06%
2015-07	N	Y	\$0.90	X	2.49%
2015-07	N	Y	\$0.91	a	37.84%
2015-07	N	Y	\$0.91	b	59.46%
2015-07	N	Y	\$0.91	X	2.70%
2015-07	N	Y	\$0.92	a	46.88%
2015-07	N	Y	\$0.92	b	46.88%
2015-07	N	Y	\$0.92	c	3.13%
2015-07	N	Y	\$0.92	X	3.13%
2015-07	N	Y	\$0.93	a	41.38%
2015-07	N	Y	\$0.93	b	55.17%
2015-07	N	Y	\$0.93	X	3.45%
2015-07	N	Y	\$0.94	a	46.88%
2015-07	N	Y	\$0.94	b	53.13%
2015-07	N	Y	\$0.95	a	34.26%
2015-07	N	Y	\$0.95	b	61.78%
2015-07	N	Y	\$0.95	c	1.13%
2015-07	N	Y	\$0.95	X	2.83%
2015-07	N	Y	\$0.96	a	26.67%
2015-07	N	Y	\$0.96	b	66.67%
2015-07	N	Y	\$0.96	c	3.33%
2015-07	N	Y	\$0.96	X	3.33%
2015-07	N	Y	\$0.97	a	42.86%
2015-07	N	Y	\$0.97	b	54.76%
2015-07	N	Y	\$0.97	c	2.38%
2015-07	N	Y	\$0.98	a	38.46%
2015-07	N	Y	\$0.98	b	61.54%
2015-07	N	Y	\$0.99	a	23.33%
2015-07	N	Y	\$0.99	b	70.00%
2015-07	N	Y	\$0.99	X	6.67%
2015-07	N	Y	\$1.00	a	40.47%
2015-07	N	Y	\$1.00	b	55.64%
2015-07	N	Y	\$1.00	c	1.23%
2015-07	N	Y	\$1.00	X	2.65%
2015-07	N	Y	\$1.01	a	33.33%
2015-07	N	Y	\$1.01	b	61.11%
2015-07	N	Y	\$1.01	c	5.56%
2015-07	N	Y	\$1.02	a	24.00%
2015-07	N	Y	\$1.02	b	72.00%
2015-07	N	Y	\$1.02	X	4.00%
2015-07	N	Y	\$1.03	a	57.14%
2015-07	N	Y	\$1.03	b	42.86%
2015-07	N	Y	\$1.04	a	36.84%
2015-07	N	Y	\$1.04	b	47.37%
2015-07	N	Y	\$1.04	X	15.79%

2015-07	N	Y	\$1.05	a	38.32%
2015-07	N	Y	\$1.05	b	58.47%
2015-07	N	Y	\$1.05	c	0.57%
2015-07	N	Y	\$1.05	X	2.65%
2015-07	N	Y	\$1.06	a	28.00%
2015-07	N	Y	\$1.06	b	64.00%
2015-07	N	Y	\$1.06	X	8.00%
2015-07	N	Y	\$1.07	a	57.89%
2015-07	N	Y	\$1.07	b	42.11%
2015-07	N	Y	\$1.08	a	22.22%
2015-07	N	Y	\$1.08	b	77.78%
2015-07	N	Y	\$1.09	a	33.33%
2015-07	N	Y	\$1.09	b	63.33%
2015-07	N	Y	\$1.09	X	3.33%
2015-07	N	Y	\$1.10	a	38.63%
2015-07	N	Y	\$1.10	b	57.68%
2015-07	N	Y	\$1.10	c	0.91%
2015-07	N	Y	\$1.10	f	0.04%
2015-07	N	Y	\$1.10	X	2.74%
2015-07	N	Y	\$1.11	a	66.67%
2015-07	N	Y	\$1.11	b	16.67%
2015-07	N	Y	\$1.11	X	16.67%
2015-07	N	Y	\$1.12	a	50.00%
2015-07	N	Y	\$1.12	b	44.44%
2015-07	N	Y	\$1.12	X	5.56%
2015-07	N	Y	\$1.13	a	45.45%
2015-07	N	Y	\$1.13	b	50.00%
2015-07	N	Y	\$1.13	X	4.55%
2015-07	N	Y	\$1.14	a	35.71%
2015-07	N	Y	\$1.14	b	60.71%
2015-07	N	Y	\$1.14	X	3.57%
2015-07	N	Y	\$1.15	a	36.78%
2015-07	N	Y	\$1.15	b	58.43%
2015-07	N	Y	\$1.15	c	0.74%
2015-07	N	Y	\$1.15	X	4.06%
2015-07	N	Y	\$1.16	a	33.33%
2015-07	N	Y	\$1.16	b	58.33%
2015-07	N	Y	\$1.16	X	8.33%
2015-07	N	Y	\$1.17	a	55.56%
2015-07	N	Y	\$1.17	b	38.89%
2015-07	N	Y	\$1.17	c	5.56%
2015-07	N	Y	\$1.18	a	14.29%
2015-07	N	Y	\$1.18	b	71.43%
2015-07	N	Y	\$1.18	X	14.29%
2015-07	N	Y	\$1.19	a	50.00%
2015-07	N	Y	\$1.19	b	37.50%
2015-07	N	Y	\$1.19	X	12.50%
2015-07	N	Y	\$1.20	a	38.95%
2015-07	N	Y	\$1.20	b	57.15%
2015-07	N	Y	\$1.20	c	1.25%
2015-07	N	Y	\$1.20	X	2.66%
2015-07	N	Y	\$1.21	a	40.00%
2015-07	N	Y	\$1.21	b	50.00%
2015-07	N	Y	\$1.21	X	10.00%
2015-07	N	Y	\$1.22	a	33.33%
2015-07	N	Y	\$1.22	b	66.67%
2015-07	N	Y	\$1.23	a	38.46%
2015-07	N	Y	\$1.23	b	61.54%
2015-07	N	Y	\$1.24	a	37.50%
2015-07	N	Y	\$1.24	b	62.50%
2015-07	N	Y	\$1.25	a	36.42%

2015-07	N	Y	\$1.25	b	59.32%
2015-07	N	Y	\$1.25	c	0.63%
2015-07	N	Y	\$1.25	X	3.63%
2015-07	N	Y	\$1.26	a	16.67%
2015-07	N	Y	\$1.26	b	83.33%
2015-07	N	Y	\$1.27	a	40.00%
2015-07	N	Y	\$1.27	b	60.00%
2015-07	N	Y	\$1.28	a	6.25%
2015-07	N	Y	\$1.28	b	68.75%
2015-07	N	Y	\$1.28	X	25.00%
2015-07	N	Y	\$1.29	a	42.86%
2015-07	N	Y	\$1.29	b	57.14%
2015-07	N	Y	\$1.30	a	39.94%
2015-07	N	Y	\$1.30	b	56.36%
2015-07	N	Y	\$1.30	c	0.94%
2015-07	N	Y	\$1.30	X	2.76%
2015-07	N	Y	\$1.31	a	33.33%
2015-07	N	Y	\$1.31	b	66.67%
2015-07	N	Y	\$1.32	a	62.50%
2015-07	N	Y	\$1.32	b	37.50%
2015-07	N	Y	\$1.33	a	50.00%
2015-07	N	Y	\$1.33	b	50.00%
2015-07	N	Y	\$1.34	a	54.55%
2015-07	N	Y	\$1.34	b	45.45%
2015-07	N	Y	\$1.35	a	37.91%
2015-07	N	Y	\$1.35	b	59.21%
2015-07	N	Y	\$1.35	c	0.36%
2015-07	N	Y	\$1.35	X	2.53%
2015-07	N	Y	\$1.36	b	75.00%
2015-07	N	Y	\$1.36	X	25.00%
2015-07	N	Y	\$1.37	a	12.50%
2015-07	N	Y	\$1.37	b	87.50%
2015-07	N	Y	\$1.38	a	57.14%
2015-07	N	Y	\$1.38	b	28.57%
2015-07	N	Y	\$1.38	X	14.29%
2015-07	N	Y	\$1.39	a	50.00%
2015-07	N	Y	\$1.39	b	33.33%
2015-07	N	Y	\$1.39	c	16.67%
2015-07	N	Y	\$1.40	a	42.50%
2015-07	N	Y	\$1.40	b	53.74%
2015-07	N	Y	\$1.40	c	0.81%
2015-07	N	Y	\$1.40	X	2.96%
2015-07	N	Y	\$1.41	a	42.86%
2015-07	N	Y	\$1.41	b	57.14%
2015-07	N	Y	\$1.42	a	33.33%
2015-07	N	Y	\$1.42	b	33.33%
2015-07	N	Y	\$1.42	X	33.33%
2015-07	N	Y	\$1.43	a	25.00%
2015-07	N	Y	\$1.43	b	50.00%
2015-07	N	Y	\$1.43	X	25.00%
2015-07	N	Y	\$1.44	a	36.36%
2015-07	N	Y	\$1.44	b	63.64%
2015-07	N	Y	\$1.45	a	37.40%
2015-07	N	Y	\$1.45	b	59.00%
2015-07	N	Y	\$1.45	c	0.60%
2015-07	N	Y	\$1.45	X	3.00%
2015-07	N	Y	\$1.46	a	33.33%
2015-07	N	Y	\$1.46	b	66.67%
2015-07	N	Y	\$1.47	a	54.55%
2015-07	N	Y	\$1.47	b	45.45%
2015-07	N	Y	\$1.48	a	37.50%

2015-07	N	Y	\$1.48	b	62.50%
2015-07	N	Y	\$1.49	a	28.57%
2015-07	N	Y	\$1.49	b	71.43%
2015-07	N	Y	\$1.50	a	40.94%
2015-07	N	Y	\$1.50	b	55.83%
2015-07	N	Y	\$1.50	c	1.08%
2015-07	N	Y	\$1.50	X	2.15%
2015-07	N	Y	\$1.51	b	100.00%
2015-07	N	Y	\$1.52	a	25.00%
2015-07	N	Y	\$1.52	b	75.00%
2015-07	N	Y	\$1.53	a	53.85%
2015-07	N	Y	\$1.53	b	38.46%
2015-07	N	Y	\$1.53	X	7.69%
2015-07	N	Y	\$1.54	a	100.00%
2015-07	N	Y	\$1.55	a	36.70%
2015-07	N	Y	\$1.55	b	59.63%
2015-07	N	Y	\$1.55	c	0.46%
2015-07	N	Y	\$1.55	X	3.21%
2015-07	N	Y	\$1.56	a	50.00%
2015-07	N	Y	\$1.56	b	50.00%
2015-07	N	Y	\$1.57	a	50.00%
2015-07	N	Y	\$1.57	b	50.00%
2015-07	N	Y	\$1.58	a	50.00%
2015-07	N	Y	\$1.58	b	25.00%
2015-07	N	Y	\$1.58	c	12.50%
2015-07	N	Y	\$1.58	X	12.50%
2015-07	N	Y	\$1.59	a	33.33%
2015-07	N	Y	\$1.59	b	66.67%
2015-07	N	Y	\$1.60	a	40.56%
2015-07	N	Y	\$1.60	b	56.66%
2015-07	N	Y	\$1.60	c	0.53%
2015-07	N	Y	\$1.60	X	2.25%
2015-07	N	Y	\$1.61	a	40.00%
2015-07	N	Y	\$1.61	b	60.00%
2015-07	N	Y	\$1.62	a	33.33%
2015-07	N	Y	\$1.62	b	66.67%
2015-07	N	Y	\$1.63	a	75.00%
2015-07	N	Y	\$1.63	b	25.00%
2015-07	N	Y	\$1.64	b	100.00%
2015-07	N	Y	\$1.65	a	38.34%
2015-07	N	Y	\$1.65	b	57.98%
2015-07	N	Y	\$1.65	c	1.23%
2015-07	N	Y	\$1.65	X	2.45%
2015-07	N	Y	\$1.66	a	25.00%
2015-07	N	Y	\$1.66	b	75.00%
2015-07	N	Y	\$1.67	a	54.55%
2015-07	N	Y	\$1.67	b	45.45%
2015-07	N	Y	\$1.68	a	33.33%
2015-07	N	Y	\$1.68	b	66.67%
2015-07	N	Y	\$1.69	a	50.00%
2015-07	N	Y	\$1.69	b	50.00%
2015-07	N	Y	\$1.70	a	39.37%
2015-07	N	Y	\$1.70	b	56.84%
2015-07	N	Y	\$1.70	c	0.74%
2015-07	N	Y	\$1.70	X	3.05%
2015-07	N	Y	\$1.71	a	25.00%
2015-07	N	Y	\$1.71	b	75.00%
2015-07	N	Y	\$1.72	b	100.00%
2015-07	N	Y	\$1.73	a	80.00%
2015-07	N	Y	\$1.73	b	20.00%
2015-07	N	Y	\$1.74	a	50.00%

2015-07	N	Y	\$1.74	b	50.00%
2015-07	N	Y	\$1.75	a	31.73%
2015-07	N	Y	\$1.75	b	59.62%
2015-07	N	Y	\$1.75	c	1.28%
2015-07	N	Y	\$1.75	X	7.37%
2015-07	N	Y	\$1.76	a	66.67%
2015-07	N	Y	\$1.76	b	33.33%
2015-07	N	Y	\$1.77	a	66.67%
2015-07	N	Y	\$1.77	b	33.33%
2015-07	N	Y	\$1.78	a	33.33%
2015-07	N	Y	\$1.78	b	66.67%
2015-07	N	Y	\$1.79	a	75.00%
2015-07	N	Y	\$1.79	b	25.00%
2015-07	N	Y	\$1.80	a	46.33%
2015-07	N	Y	\$1.80	b	50.50%
2015-07	N	Y	\$1.80	c	1.00%
2015-07	N	Y	\$1.80	X	2.17%
2015-07	N	Y	\$1.81	a	12.50%
2015-07	N	Y	\$1.81	b	87.50%
2015-07	N	Y	\$1.83	b	100.00%
2015-07	N	Y	\$1.84	a	60.00%
2015-07	N	Y	\$1.84	b	40.00%
2015-07	N	Y	\$1.85	a	36.97%
2015-07	N	Y	\$1.85	b	57.82%
2015-07	N	Y	\$1.85	c	0.47%
2015-07	N	Y	\$1.85	X	4.74%
2015-07	N	Y	\$1.86	a	66.67%
2015-07	N	Y	\$1.86	b	33.33%
2015-07	N	Y	\$1.87	b	100.00%
2015-07	N	Y	\$1.88	a	33.33%
2015-07	N	Y	\$1.88	b	66.67%
2015-07	N	Y	\$1.89	a	60.00%
2015-07	N	Y	\$1.89	b	40.00%
2015-07	N	Y	\$1.90	a	43.32%
2015-07	N	Y	\$1.90	b	52.54%
2015-07	N	Y	\$1.90	c	1.24%
2015-07	N	Y	\$1.90	X	2.90%
2015-07	N	Y	\$1.92	b	100.00%
2015-07	N	Y	\$1.93	a	100.00%
2015-07	N	Y	\$1.95	a	39.65%
2015-07	N	Y	\$1.95	b	55.51%
2015-07	N	Y	\$1.95	c	0.44%
2015-07	N	Y	\$1.95	X	4.41%
2015-07	N	Y	\$1.96	a	50.00%
2015-07	N	Y	\$1.96	b	50.00%
2015-07	N	Y	\$1.99	b	100.00%
2015-07	N	Y	\$2.00	a	40.39%
2015-07	N	Y	\$2.00	b	55.70%
2015-07	N	Y	\$2.00	c	1.63%
2015-07	N	Y	\$2.00	X	2.28%
2015-07	N	Y	\$2.01	b	100.00%
2015-07	N	Y	\$2.02	b	100.00%
2015-07	N	Y	\$2.05	a	41.00%
2015-07	N	Y	\$2.05	b	56.00%
2015-07	N	Y	\$2.05	c	1.00%
2015-07	N	Y	\$2.05	X	2.00%
2015-07	N	Y	\$2.07	a	100.00%
2015-07	N	Y	\$2.08	b	100.00%
2015-07	N	Y	\$2.09	a	100.00%
2015-07	N	Y	\$2.10	a	41.08%
2015-07	N	Y	\$2.10	b	55.11%

2015-07	N	Y	\$2.10	c	1.23%
2015-07	N	Y	\$2.10	X	2.58%
2015-07	N	Y	\$2.11	a	100.00%
2015-07	N	Y	\$2.12	b	100.00%
2015-07	N	Y	\$2.13	b	100.00%
2015-07	N	Y	\$2.14	a	33.33%
2015-07	N	Y	\$2.14	b	66.67%
2015-07	N	Y	\$2.15	a	40.19%
2015-07	N	Y	\$2.15	b	54.55%
2015-07	N	Y	\$2.15	c	0.96%
2015-07	N	Y	\$2.15	X	4.31%
2015-07	N	Y	\$2.17	b	100.00%
2015-07	N	Y	\$2.18	b	100.00%
2015-07	N	Y	\$2.20	a	41.27%
2015-07	N	Y	\$2.20	b	54.08%
2015-07	N	Y	\$2.20	c	1.03%
2015-07	N	Y	\$2.20	X	3.62%
2015-07	N	Y	\$2.21	a	33.33%
2015-07	N	Y	\$2.21	b	66.67%
2015-07	N	Y	\$2.23	a	66.67%
2015-07	N	Y	\$2.23	b	33.33%
2015-07	N	Y	\$2.24	b	100.00%
2015-07	N	Y	\$2.25	a	30.27%
2015-07	N	Y	\$2.25	b	63.24%
2015-07	N	Y	\$2.25	c	1.08%
2015-07	N	Y	\$2.25	X	5.41%
2015-07	N	Y	\$2.27	a	50.00%
2015-07	N	Y	\$2.27	X	50.00%
2015-07	N	Y	\$2.30	a	44.66%
2015-07	N	Y	\$2.30	b	51.22%
2015-07	N	Y	\$2.30	c	1.42%
2015-07	N	Y	\$2.30	X	2.70%
2015-07	N	Y	\$2.32	b	100.00%
2015-07	N	Y	\$2.33	b	100.00%
2015-07	N	Y	\$2.35	a	32.08%
2015-07	N	Y	\$2.35	b	60.38%
2015-07	N	Y	\$2.35	c	1.26%
2015-07	N	Y	\$2.35	X	6.29%
2015-07	N	Y	\$2.36	a	100.00%
2015-07	N	Y	\$2.37	a	28.57%
2015-07	N	Y	\$2.37	b	71.43%
2015-07	N	Y	\$2.38	a	50.00%
2015-07	N	Y	\$2.38	b	50.00%
2015-07	N	Y	\$2.40	a	36.45%
2015-07	N	Y	\$2.40	b	58.87%
2015-07	N	Y	\$2.40	c	1.44%
2015-07	N	Y	\$2.40	X	3.24%
2015-07	N	Y	\$2.43	a	100.00%
2015-07	N	Y	\$2.44	a	100.00%
2015-07	N	Y	\$2.45	a	30.64%
2015-07	N	Y	\$2.45	b	65.32%
2015-07	N	Y	\$2.45	c	1.16%
2015-07	N	Y	\$2.45	X	2.89%
2015-07	N	Y	\$2.49	b	100.00%
2015-07	N	Y	\$2.50	a	41.22%
2015-07	N	Y	\$2.50	b	54.56%
2015-07	N	Y	\$2.50	c	0.54%
2015-07	N	Y	\$2.50	X	3.67%
2015-07	N	Y	\$2.53	b	100.00%
2015-07	N	Y	\$2.54	a	100.00%
2015-07	N	Y	\$2.55	a	36.00%



2015-07	N	Y	\$2.55	b	61.33%
2015-07	N	Y	\$2.55	c	1.33%
2015-07	N	Y	\$2.55	X	1.33%
2015-07	N	Y	\$2.57	a	25.00%
2015-07	N	Y	\$2.57	b	75.00%
2015-07	N	Y	\$2.58	a	33.33%
2015-07	N	Y	\$2.58	b	66.67%
2015-07	N	Y	\$2.60	a	41.52%
2015-07	N	Y	\$2.60	b	54.18%
2015-07	N	Y	\$2.60	c	1.39%
2015-07	N	Y	\$2.60	X	2.91%
2015-07	N	Y	\$2.64	b	100.00%
2015-07	N	Y	\$2.65	a	38.98%
2015-07	N	Y	\$2.65	b	57.63%
2015-07	N	Y	\$2.65	c	1.69%
2015-07	N	Y	\$2.65	X	1.69%
2015-07	N	Y	\$2.69	a	75.00%
2015-07	N	Y	\$2.69	b	25.00%
2015-07	N	Y	\$2.70	a	41.41%
2015-07	N	Y	\$2.70	b	53.94%
2015-07	N	Y	\$2.70	c	0.56%
2015-07	N	Y	\$2.70	X	4.08%
2015-07	N	Y	\$2.71	b	100.00%
2015-07	N	Y	\$2.73	b	100.00%
2015-07	N	Y	\$2.75	a	32.82%
2015-07	N	Y	\$2.75	b	64.89%
2015-07	N	Y	\$2.75	X	2.29%
2015-07	N	Y	\$2.76	a	100.00%
2015-07	N	Y	\$2.77	a	100.00%
2015-07	N	Y	\$2.80	a	42.57%
2015-07	N	Y	\$2.80	b	53.90%
2015-07	N	Y	\$2.80	c	1.30%
2015-07	N	Y	\$2.80	X	2.23%
2015-07	N	Y	\$2.85	a	39.56%
2015-07	N	Y	\$2.85	b	57.14%
2015-07	N	Y	\$2.85	c	1.10%
2015-07	N	Y	\$2.85	X	2.20%
2015-07	N	Y	\$2.86	b	100.00%
2015-07	N	Y	\$2.90	a	42.91%
2015-07	N	Y	\$2.90	b	54.29%
2015-07	N	Y	\$2.90	c	1.20%
2015-07	N	Y	\$2.90	X	1.60%
2015-07	N	Y	\$2.93	b	100.00%
2015-07	N	Y	\$2.95	a	40.40%
2015-07	N	Y	\$2.95	b	57.58%
2015-07	N	Y	\$2.95	X	2.02%
2015-07	N	Y	\$3.00	a	46.03%
2015-07	N	Y	\$3.00	b	50.00%
2015-07	N	Y	\$3.00	c	0.63%
2015-07	N	Y	\$3.00	X	3.35%
2015-07	N	Y	\$3.02	a	50.00%
2015-07	N	Y	\$3.02	b	50.00%
2015-07	N	Y	\$3.04	c	100.00%
2015-07	N	Y	\$3.05	a	42.35%
2015-07	N	Y	\$3.05	b	49.41%
2015-07	N	Y	\$3.05	X	8.24%
2015-07	N	Y	\$3.07	a	100.00%
2015-07	N	Y	\$3.08	a	50.00%
2015-07	N	Y	\$3.08	b	25.00%
2015-07	N	Y	\$3.08	X	25.00%
2015-07	N	Y	\$3.09	b	100.00%

2015-07	N	Y	\$3.10	a	44.42%
2015-07	N	Y	\$3.10	b	52.79%
2015-07	N	Y	\$3.10	c	1.02%
2015-07	N	Y	\$3.10	X	1.78%
2015-07	N	Y	\$3.14	b	100.00%
2015-07	N	Y	\$3.15	a	41.18%
2015-07	N	Y	\$3.15	b	51.76%
2015-07	N	Y	\$3.15	c	1.18%
2015-07	N	Y	\$3.15	X	5.88%
2015-07	N	Y	\$3.16	b	100.00%
2015-07	N	Y	\$3.17	a	100.00%
2015-07	N	Y	\$3.20	a	46.40%
2015-07	N	Y	\$3.20	b	51.41%
2015-07	N	Y	\$3.20	c	0.94%
2015-07	N	Y	\$3.20	X	1.25%
2015-07	N	Y	\$3.24	b	100.00%
2015-07	N	Y	\$3.25	a	38.89%
2015-07	N	Y	\$3.25	b	57.41%
2015-07	N	Y	\$3.25	X	3.70%
2015-07	N	Y	\$3.30	a	39.42%
2015-07	N	Y	\$3.30	b	57.41%
2015-07	N	Y	\$3.30	c	0.26%
2015-07	N	Y	\$3.30	X	2.91%
2015-07	N	Y	\$3.32	a	100.00%
2015-07	N	Y	\$3.33	a	50.00%
2015-07	N	Y	\$3.33	b	50.00%
2015-07	N	Y	\$3.35	a	40.35%
2015-07	N	Y	\$3.35	b	56.14%
2015-07	N	Y	\$3.35	c	1.75%
2015-07	N	Y	\$3.35	X	1.75%
2015-07	N	Y	\$3.40	a	47.58%
2015-07	N	Y	\$3.40	b	48.02%
2015-07	N	Y	\$3.40	c	0.88%
2015-07	N	Y	\$3.40	X	3.52%
2015-07	N	Y	\$3.43	a	100.00%
2015-07	N	Y	\$3.45	a	40.24%
2015-07	N	Y	\$3.45	b	58.54%
2015-07	N	Y	\$3.45	X	1.22%
2015-07	N	Y	\$3.50	a	45.70%
2015-07	N	Y	\$3.50	b	51.17%
2015-07	N	Y	\$3.50	c	0.39%
2015-07	N	Y	\$3.50	X	2.73%
2015-07	N	Y	\$3.53	a	50.00%
2015-07	N	Y	\$3.53	b	50.00%
2015-07	N	Y	\$3.54	b	100.00%
2015-07	N	Y	\$3.55	a	38.64%
2015-07	N	Y	\$3.55	b	52.27%
2015-07	N	Y	\$3.55	X	9.09%
2015-07	N	Y	\$3.60	a	47.37%
2015-07	N	Y	\$3.60	b	51.58%
2015-07	N	Y	\$3.60	X	1.05%
2015-07	N	Y	\$3.63	b	100.00%
2015-07	N	Y	\$3.64	b	100.00%
2015-07	N	Y	\$3.65	a	37.50%
2015-07	N	Y	\$3.65	b	60.00%
2015-07	N	Y	\$3.65	X	2.50%
2015-07	N	Y	\$3.70	a	52.34%
2015-07	N	Y	\$3.70	b	46.09%
2015-07	N	Y	\$3.70	c	1.56%
2015-07	N	Y	\$3.75	a	38.64%
2015-07	N	Y	\$3.75	b	54.55%

2015-07	N	Y	\$3.75	X	6.82%
2015-07	N	Y	\$3.80	a	48.57%
2015-07	N	Y	\$3.80	b	44.29%
2015-07	N	Y	\$3.80	c	2.14%
2015-07	N	Y	\$3.80	X	5.00%
2015-07	N	Y	\$3.85	a	40.00%
2015-07	N	Y	\$3.85	b	54.29%
2015-07	N	Y	\$3.85	c	2.86%
2015-07	N	Y	\$3.85	X	2.86%
2015-07	N	Y	\$3.89	b	100.00%
2015-07	N	Y	\$3.90	a	47.85%
2015-07	N	Y	\$3.90	b	47.85%
2015-07	N	Y	\$3.90	c	1.23%
2015-07	N	Y	\$3.90	X	3.07%
2015-07	N	Y	\$3.95	a	34.29%
2015-07	N	Y	\$3.95	b	65.71%
2015-07	N	Y	\$3.98	b	100.00%
2015-07	N	Y	\$4.00	a	46.03%
2015-07	N	Y	\$4.00	b	50.00%
2015-07	N	Y	\$4.00	c	3.17%
2015-07	N	Y	\$4.00	X	0.79%
2015-07	N	Y	\$4.05	a	50.00%
2015-07	N	Y	\$4.05	b	45.83%
2015-07	N	Y	\$4.05	c	4.17%
2015-07	N	Y	\$4.10	a	49.38%
2015-07	N	Y	\$4.10	b	49.38%
2015-07	N	Y	\$4.10	X	1.23%
2015-07	N	Y	\$4.15	a	33.33%
2015-07	N	Y	\$4.15	b	66.67%
2015-07	N	Y	\$4.16	b	100.00%
2015-07	N	Y	\$4.20	a	53.33%
2015-07	N	Y	\$4.20	b	44.44%
2015-07	N	Y	\$4.20	X	2.22%
2015-07	N	Y	\$4.25	a	34.78%
2015-07	N	Y	\$4.25	b	65.22%
2015-07	N	Y	\$4.27	a	100.00%
2015-07	N	Y	\$4.30	a	54.55%
2015-07	N	Y	\$4.30	b	43.64%
2015-07	N	Y	\$4.30	c	1.82%
2015-07	N	Y	\$4.35	a	35.00%
2015-07	N	Y	\$4.35	b	65.00%
2015-07	N	Y	\$4.40	a	42.62%
2015-07	N	Y	\$4.40	b	47.54%
2015-07	N	Y	\$4.40	c	4.92%
2015-07	N	Y	\$4.40	X	4.92%
2015-07	N	Y	\$4.44	b	100.00%
2015-07	N	Y	\$4.45	a	37.04%
2015-07	N	Y	\$4.45	b	59.26%
2015-07	N	Y	\$4.45	c	3.70%
2015-07	N	Y	\$4.49	b	100.00%
2015-07	N	Y	\$4.50	a	38.96%
2015-07	N	Y	\$4.50	b	53.25%
2015-07	N	Y	\$4.50	c	2.60%
2015-07	N	Y	\$4.50	X	5.19%
2015-07	N	Y	\$4.55	a	66.67%
2015-07	N	Y	\$4.55	b	25.00%
2015-07	N	Y	\$4.55	X	8.33%
2015-07	N	Y	\$4.60	a	31.71%
2015-07	N	Y	\$4.60	b	65.85%
2015-07	N	Y	\$4.60	X	2.44%
2015-07	N	Y	\$4.65	a	85.71%

2015-07	N	Y	\$4.65	b	14.29%
2015-07	N	Y	\$4.70	a	37.50%
2015-07	N	Y	\$4.70	b	50.00%
2015-07	N	Y	\$4.70	c	12.50%
2015-07	N	Y	\$4.72	b	100.00%
2015-07	N	Y	\$4.75	a	53.33%
2015-07	N	Y	\$4.75	b	46.67%
2015-07	N	Y	\$4.80	a	33.33%
2015-07	N	Y	\$4.80	b	66.67%
2015-07	N	Y	\$4.85	a	100.00%
2015-07	N	Y	\$4.90	a	41.18%
2015-07	N	Y	\$4.90	b	47.06%
2015-07	N	Y	\$4.90	c	11.76%
2015-07	N	Y	\$5.00	a	30.77%
2015-07	N	Y	\$5.00	b	69.23%
2015-07	N	Y	\$7.10	a	50.00%
2015-07	N	Y	\$7.10	b	50.00%
2015-07	N	Y	\$8.90	a	100.00%
2015-07	N	Y	\$9.70	a	100.00%
2015-07	N	Y	\$9.90	a	50.00%
2015-07	N	Y	\$9.90	c	50.00%

PRIME traded by:  
(a) Member that submitted the order to the PRIME  
(b) Market makers assigned to the class  
(c) Other Exchange Members  
(d) Priority Customers  
(e) Non-Priority Customer Public Customers  
(f) Unrelated orders