

APPENDIX E: PRODUCTIVITY CALCULATIONS SPREADSHEETS

Below is the information used to calculate the curtain wall productivity. First the total manpower was taken from the data found in Appendix B and the total number of panels is from appendix. The estimated number of panels per day was provided by both DAVIS and Enclos. The budget was calculated using the total cost of the exterior curtain wall. The actual productivity was calculated by dividing the manpower by the total number of panels. The estimated productivity was calculated the same way; however the estimated number of panels was used in the equation. The actual number of panels per day is the cumulative number of panels that were installed to that date. Also, the estimated number of panels per day is cumulative. Finally, the performance was calculated by dividing the estimated number of panels per day by the actual number of panels. Tables 14, 15, 17, and 18 use the information from the table below.

Day	Date	Total Manpower	Total Number of Panels	Estimated Number of Panels Per Day	Actual Budget	Actual Daily Productivity	Estimated Daily Productivity	Actual Number of Panels Per Day	Estimated Number of Panels Per Day	Actual Perf.	Estimated Perf.
Monday	3/10/08	11	0	20	\$0.00	#DIV/0!	2.22	0	20	#DIV/0!	1
Tuesday	3/11/08	11	0	20	\$0.00	#DIV/0!	2.22	0	40	#DIV/0!	1
Wednesday	3/12/08	10	0	20	\$0.00	#DIV/0!	2.22	0	60	#DIV/0!	1
Thursday	3/13/08	10	0	20	\$0.00	#DIV/0!	2.22	0	80	#DIV/0!	1
Friday	3/14/08	10	0	20	\$0.00	#DIV/0!	2.22	0	100	#DIV/0!	1
Saturday	3/15/08	9	0		\$0.00	#DIV/0!	2.22	0	100	#DIV/0!	1
Monday	3/17/08	12	0	20	\$0.00	#DIV/0!	2.22	0	120	#DIV/0!	1
Tuesday	3/18/08	10	0	20	\$0.00	#DIV/0!	2.22	0	140	#DIV/0!	1
Wednesday	3/19/08	12	0	20	\$0.00	#DIV/0!	2.22	0	160	#DIV/0!	1
Thursday	3/20/08	12	0	20	\$0.00	#DIV/0!	2.22	0	180	#DIV/0!	1
Friday	3/21/08	12	14	20	\$134,768.20	0.86	2.22	14	200	1.43	1
Saturday	3/22/08	0	0		\$134,768.20	#DIV/0!	2.22	14	200	#DIV/0!	1
Monday	3/24/08	16	15	20	\$279,162.70	1.07	2.22	29	220	1.33	1
Tuesday	3/25/08	16	32	20	\$587,204.30	0.50	2.22	61	240	0.63	1
Wednesday	3/26/08	16	16	20	\$741,225.10	1.00	2.22	77	260	1.25	1
Thursday	3/27/08	18	17	20	\$904,872.20	1.06	2.22	94	280	1.18	1
Friday	3/28/08	15	10	20	\$1,001,135.20	1.50	2.22	104	300	2.00	1
Saturday	3/29/08	2	0		\$1,001,135.20	#DIV/0!	2.22	104	300	#DIV/0!	1
Monday	3/31/08	18	14	20	\$1,135,903.40	1.29	2.22	118	320	1.43	1
Tuesday	4/1/08	18	31	20	\$1,434,318.70	0.58	2.22	149	340	0.65	1
Wednesday	4/2/08	17	17	20	\$1,597,965.80	1.00	2.22	166	360	1.18	1
Thursday	4/3/08	20	17	20	\$1,761,612.90	1.18	2.22	183	380	1.18	1
Friday	4/4/08	16	25	20	\$2,002,270.40	0.64	2.22	208	400	0.80	1
Saturday	4/5/08	0	0		\$2,002,270.40	#DIV/0!	2.22	208	400	#DIV/0!	1
Monday	4/7/08	17	19	20	\$2,185,170.10	0.89	2.22	227	420	1.05	1
Tuesday	4/8/08	16	0	20	\$2,185,170.10	#DIV/0!	2.22	227	440	#DIV/0!	1
Wednesday	4/9/08	15	0	20	\$2,185,170.10	#DIV/0!	2.22	227	460	#DIV/0!	1
Thursday	4/10/08	15	0	20	\$2,185,170.10	#DIV/0!	2.22	227	480	#DIV/0!	1
Friday	4/11/08	15	0	20	\$2,185,170.10	#DIV/0!	2.22	227	500	#DIV/0!	1
Saturday	4/12/08	0	0		\$2,185,170.10	#DIV/0!	2.22	227	500	#DIV/0!	1
Monday	4/14/08	16	20	20	\$2,377,696.10	0.80	2.22	247	520	1.00	1
Tuesday	4/15/08	16	26	20	\$2,627,979.90	0.62	2.22	273	540	0.77	1
Wednesday	4/16/08	3	0	20	\$2,627,979.90	#DIV/0!	2.22	273	560	#DIV/0!	1
Thursday	4/17/08	16	21	20	\$2,830,132.20	0.76	2.22	294	580	0.95	1
Friday	4/18/08	16	18	20	\$3,003,405.60	0.89	2.22	312	600	1.11	1
Saturday	4/19/08	7	17		\$3,167,052.70	0.41	2.22	329	600	0.00	1
Monday	4/21/08	16	0	20	\$3,167,052.70	#DIV/0!	2.22	329	620	#DIV/0!	1
Tuesday	4/22/08	16	23	20	\$3,388,457.60	0.70	2.22	352	640	0.87	1
Wednesday	4/23/08	17	26	20	\$3,638,741.40	0.65	2.22	378	660	0.77	1
Thursday	4/24/08	17	37	20	\$3,994,914.50	0.46	2.22	415	680	0.54	1
Friday	4/25/08	17	21	20	\$4,197,066.80	0.81	2.22	436	700	0.95	1
Saturday	4/26/08	17	0		\$4,197,066.80	#DIV/0!	2.22	436	700	#DIV/0!	1
Monday	4/28/08	17	0	20	\$4,197,066.80	#DIV/0!	2.22	436	720	#DIV/0!	1
Tuesday	4/29/08	17	46	20	\$4,639,876.60	0.37	2.22	482	740	0.43	1
Wednesday	4/30/08	16	26	20	\$4,890,160.40	0.62	2.22	508	760	0.77	1
Thursday	05/01/08	16	17	20	\$5,053,807.50	0.94	2.22	525	780	1.18	1
Friday	05/02/08	15	17	20	\$5,217,454.60	0.88	2.22	542	800	1.18	1

Day	Date	Total Manpower	Total Number of Panels	Estimated Number of Panels Per Day	Actual Budget	Actual Daily Productivity	Estimated Daily Productivity	Actual Number of Panels Per Day	Estimated Number of Panels Per Day	Actual Perf.	Estimated Perf.
Tuesday	05/06/08	18	21	20	\$5,554,375.10	0.86	2.22	577	840	0.95	1
Wednesday	05/07/08	16	21	20	\$5,756,527.40	0.76	2.22	598	860	0.95	1
Thursday	05/08/08	17	0	20	\$5,756,527.40	#DIV/0!	2.22	598	880	#DIV/0!	1
Friday	05/09/08	14	0	20	\$5,756,527.40	#DIV/0!	2.22	598	900	#DIV/0!	1
Saturday	05/10/08	0	0		\$5,756,527.40	#DIV/0!	2.22	598	900	#DIV/0!	1
Monday	05/12/08	6	0	20	\$5,756,527.40	#DIV/0!	2.22	598	920	#DIV/0!	1
Tuesday	05/13/08	17	0	20	\$5,756,527.40	#DIV/0!	2.22	598	940	#DIV/0!	1
Wednesday	05/14/08	18	0	20	\$5,756,527.40	#DIV/0!	2.22	598	960	#DIV/0!	1
Thursday	05/15/08	17	0	20	\$5,756,527.40	#DIV/0!	2.22	598	980	#DIV/0!	1
Friday	05/16/08	11	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1000	#DIV/0!	1
Saturday	05/17/08	9	0		\$5,756,527.40	#DIV/0!	2.22	598	1000	#DIV/0!	1
Monday	05/19/08	17	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1020	#DIV/0!	1
Tuesday	05/20/08	14	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1040	#DIV/0!	1
Wednesday	05/21/08	16	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1060	#DIV/0!	1
Thursday	05/22/08	15	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1080	#DIV/0!	1
Friday	05/23/08	16	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1100	#DIV/0!	1
Saturday	05/24/08	0	0		\$5,756,527.40	#DIV/0!	2.22	598	1100	#DIV/0!	1
Monday	05/26/08	0	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1120	#DIV/0!	1
Tuesday	05/27/08	15	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1140	#DIV/0!	1
Wednesday	05/28/08	17	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1160	#DIV/0!	1
Thursday	05/29/08	3	0	20	\$5,756,527.40	#DIV/0!	2.22	598	1180	#DIV/0!	1
Friday	05/30/08	19	8	20	\$5,833,537.80	2.38	2.22	606	1200	2.50	1
Saturday	05/31/08	0	0		\$5,833,537.80	#DIV/0!	2.22	606	1200	#DIV/0!	1
Monday	06/02/08	19	9	20	\$5,920,174.50	2.11	2.22	615	1220	2.22	1
Tuesday	06/03/08	21	22	20	\$6,131,953.10	0.95	2.22	637	1240	0.91	1
Wednesday	06/04/08	18	18	20	\$6,305,226.50	1.00	2.22	655	1260	1.11	1
Thursday	06/05/08	19	12	20	\$6,420,742.10	1.58	2.22	667	1280	1.67	1
Friday	06/06/08	19	28	20	\$6,690,278.50	0.68	2.22	695	1300	0.71	1
Saturday	06/07/08	11	0		\$6,690,278.50	#DIV/0!	2.22	695	1300	#DIV/0!	1
Monday	06/09/08	22	35	20	\$7,027,199.00	0.63	2.22	730	1320	0.57	1
Tuesday	06/10/08	26	30	20	\$7,315,988.00	0.87	2.22	760	1340	0.67	1
Wednesday	06/11/08	26	25	20	\$7,556,645.50	1.04	2.22	785	1360	0.80	1
Thursday	06/12/08	26	34	20	\$7,883,939.70	0.76	2.22	819	1380	0.59	1
Friday	06/13/08	26	20	20	\$8,076,465.70	1.30	2.22	839	1400	1.00	1
Saturday	06/14/08	0	0		\$8,076,465.70	#DIV/0!	2.22	839	1400	#DIV/0!	1
Monday	06/16/08	26	26	20	\$8,326,749.50	1.00	2.22	865	1420	0.77	1
Tuesday	06/17/08	26	34	20	\$8,654,043.70	0.76	2.22	899	1440	0.59	1
Wednesday	06/18/08	27	30	20	\$8,942,832.70	0.90	2.22	929	1460	0.67	1
Thursday	06/19/08	26	30	20	\$9,231,621.70	0.87	2.22	959	1480	0.67	1
Friday	06/20/08	26		20	\$9,231,621.70	#DIV/0!	2.22	959	1500	#DIV/0!	1
Saturday	06/21/08	19	0		\$9,231,621.70	#DIV/0!	2.22	959	1500	#DIV/0!	1
Monday	06/23/08	26	32	20	\$9,539,663.30	0.81	2.22	991	1520	0.63	1
Tuesday	06/24/08	34	25	20	\$9,780,320.80	1.36	2.22	1016	1540	0.80	1
Wednesday	06/25/08	33	13	20	\$9,905,462.70	2.54	2.22	1029	1560	1.54	1
Thursday	06/26/08	36	8	20	\$9,982,473.10	4.50	2.22	1037	1580	2.50	1
Friday	06/27/08	36	47	20	\$10,434,909.20	0.77	2.22	1084	1600	0.43	1
Saturday	06/28/08	12	14		\$10,569,677.40	0.86	2.22	1098	1600	0.00	1
Monday	06/30/08	24	0	20	\$10,569,677.40	#DIV/0!	2.22	1098	1620	#DIV/0!	1
Tuesday	07/01/08	24	0	20	\$10,569,677.40	#DIV/0!	2.22	1098	1640	#DIV/0!	1
Wednesday	07/02/08	25	0	20	\$10,569,677.40	#DIV/0!	2.22	1098	1660	#DIV/0!	1
Thursday	07/03/08	21	0	20	\$10,569,677.40	#DIV/0!	2.22	1098	1680	#DIV/0!	1
Friday	07/04/08	0	0	20	\$10,569,677.40	#DIV/0!	2.22	1098	1700	#DIV/0!	1
Saturday	07/05/08	0	0		\$10,569,677.40	#DIV/0!	2.22	1098	1700	#DIV/0!	1
Monday	07/07/08	19	6	20	\$10,627,435.20	3.17	2.22	1104	1720	3.33	1
Tuesday	07/08/08	20	0	20	\$10,627,435.20	#DIV/0!	2.22	1104	1740	#DIV/0!	1
Wednesday	07/09/08	20	0	20	\$10,627,435.20	#DIV/0!	2.22	1104	1760	#DIV/0!	1
Thursday	07/10/08	21	8	20	\$10,704,445.60	2.63	2.22	1112	1780	2.50	1
Friday	07/11/08	20	14	20	\$10,839,213.80	1.43	2.22	1126	1800	1.43	1
Saturday	07/12/08	0	0		\$10,839,213.80	#DIV/0!	2.22	1126	1800	#DIV/0!	1
Monday	07/14/08	24	11	20	\$10,945,103.10	2.18	2.22	1137	1820	1.82	1
Tuesday	07/15/08	24	28	20	\$11,214,639.50	0.86	2.22	1165	1840	0.71	1
Wednesday	07/16/08	25	37	20	\$11,570,812.60	0.68	2.22	1202	1860	0.54	1
Thursday	07/17/08	23	42	20	\$11,975,117.20	0.55	2.22	1244	1880	0.48	1
Friday	07/18/08	23	50	20	\$12,456,432.20	0.46	2.22	1294	1900	0.40	1
Saturday	07/19/08	6	8		\$12,533,442.60	0.75	2.22	1302	1900	0.00	1

Day	Date	Total Manpower	Total Number of Panels	Estimated Number of Panels Per Day	Actual Budget	Actual Daily Productivity	Estimated Daily Productivity	Actual Number of Panels Per Day	Estimated Number of Panels Per Day	Actual Perf.	Estimated Perf.
Tuesday	07/22/08	31	41	20	\$13,457,567.40	0.76	2.22	1398	1940	0.49	1
Wednesday	07/23/08	32	75	20	\$14,179,539.90	0.43	2.22	1473	1960	0.27	1
Thursday	07/24/08	34	40	20	\$14,564,591.90	0.85	2.22	1513	1980	0.50	1
Friday	07/25/08	27	67	20	\$15,209,554.00	0.40	2.22	1580	2000	0.30	1
Saturday	07/26/08	7	14		\$15,344,322.20	0.50	2.22	1594	2000	0.00	1
Monday	07/28/08	32	46	20	\$15,787,132.00	0.70	2.22	1640	2020	0.43	1
Tuesday	07/29/08	27	40	20	\$16,172,184.00	0.68	2.22	1680	2040	0.50	1
Wednesday	07/30/08	27	38	20	\$16,537,983.40	0.71	2.22	1718	2060	0.53	1
Thursday	07/31/08	25	30	20	\$16,826,772.40	0.83	2.22	1748	2080	0.67	1
Friday	08/01/08	25	0	20	\$16,826,772.40	#DIV/0!	2.22	1748	2100	#DIV/0!	1
Saturday	08/02/08	0	0		\$16,826,772.40	#DIV/0!	2.22	1748	2100	#DIV/0!	1
Monday	08/04/08	31	0	20	\$16,826,772.40	#DIV/0!	2.22	1748	2120	#DIV/0!	1
Tuesday	08/05/08	32	0	20	\$16,826,772.40	#DIV/0!	2.22	1748	2140	#DIV/0!	1
Wednesday	08/06/08	32	0	20	\$16,826,772.40	#DIV/0!	2.22	1748	2160	#DIV/0!	1
Thursday	08/07/08	31	5	20	\$16,874,903.90	6.20	2.22	1753	2180	4.00	1
Friday	08/08/08	29	22	20	\$17,086,682.50	1.32	2.22	1775	2200	0.91	1
Saturday	08/09/08	0	12		\$17,202,198.10	0.00	2.22	1787	2200	0.00	1
Monday	08/11/08	29	0	20	\$17,202,198.10	#DIV/0!	2.22	1787	2220	#DIV/0!	1
Tuesday	08/12/08	29	5	20	\$17,250,329.60	5.80	2.22	1792	2240	4.00	1
Wednesday	08/13/08	32	10	20	\$17,346,592.60	3.20	2.22	1802	2260	2.00	1
Thursday	08/14/08	35	11	20	\$17,452,481.90	3.18	2.22	1813	2280	1.82	1
Friday	08/15/08	35	7	20	\$17,519,866.00	5.00	2.22	1820	2300	2.86	1
Saturday	08/16/08	0	6		\$17,577,623.80	0.00	2.22	1826	2300	0.00	1
Monday	08/18/08	32	48	20	\$18,039,686.20	0.67	2.22	1874	2320	0.42	1
Tuesday	08/19/08	34	45	20	\$18,472,869.70	0.76	2.22	1919	2340	0.44	1
Wednesday	08/20/08	32	38	20	\$18,838,669.10	0.84	2.22	1957	2360	0.53	1
Thursday	08/21/08	32	16	20	\$18,992,689.90	2.00	2.22	1973	2380	1.25	1
Friday	08/22/08	31	27	20	\$19,252,600.00	1.15	2.22	2000	2400	0.74	1
Saturday	08/23/08	0	0		\$19,252,600.00	#DIV/0!	2.22	2000	2400	#DIV/0!	1
Monday	08/25/08	0	6	20	\$19,310,357.80	0.00	2.22	2006	2420	3.33	1
Tuesday	08/26/08	0	31	20	\$19,608,773.10	0.00	2.22	2037	2440	0.65	1
Wednesday	08/27/08	0	32	20	\$19,916,814.70	0.00	2.22	2069	2460	0.63	1
Thursday	08/28/08	0	22	20	\$20,128,593.30	0.00	2.22	2091	2480	0.91	1
Friday	08/29/08	0	36	20	\$20,475,140.10	0.00	2.22	2127	2500	0.56	1
Saturday	08/30/08	0	0		\$20,475,140.10	#DIV/0!	2.22	2127	2500	#DIV/0!	1
Monday	09/01/08	0	0	20	\$20,475,140.10	#DIV/0!	2.22	2127	2520	#DIV/0!	1
Tuesday	09/02/08	0	20	20	\$20,667,666.10	0.00	2.22	2147	2540	1.00	1
Wednesday	09/03/08	0	51	20	\$21,158,607.40	0.00	2.22	2198	2560	0.39	1
Thursday	09/04/08	0	40	20	\$21,543,659.40	0.00	2.22	2238	2580	0.50	1
Friday	09/05/08	0	40	20	\$21,928,711.40	0.00	2.22	2278	2600	0.50	1
Saturday	09/06/08	0	0		\$21,928,711.40	#DIV/0!	2.22	2278	2600	#DIV/0!	1
Monday	09/08/08	0	52	20	\$22,429,279.00	0.00	2.22	2330	2620	0.38	1
Tuesday	09/09/08	0	17	20	\$22,592,926.10	0.00	2.22	2347	2640	1.18	1
Wednesday	09/10/08	0	19	20	\$22,775,825.80	0.00	2.22	2366	2660	1.05	1
Thursday	09/11/08	0	24	20	\$23,006,857.00	0.00	2.22	2390	2680	0.83	1
Friday	09/12/08	0	44	20	\$23,430,414.20	0.00	2.22	2434	2700	0.45	1
Saturday	09/13/08	0	0		\$23,430,414.20	#DIV/0!	2.22	2434	2700	#DIV/0!	1
Monday	09/15/08	0	0	20	\$23,430,414.20	#DIV/0!	2.22	2434	2720	#DIV/0!	1
Tuesday	09/16/08	0	0	20	\$23,430,414.20	#DIV/0!	2.22	2434	2740	#DIV/0!	1
Wednesday	09/17/08	0	0	20	\$23,430,414.20	#DIV/0!	2.22	2434	2760	#DIV/0!	1
Thursday	09/18/08	0	0	20	\$23,430,414.20	#DIV/0!	2.22	2434	2780	#DIV/0!	1
Friday	09/19/08	0	0	20	\$23,430,414.20	#DIV/0!	2.22	2434	2800	#DIV/0!	1
Saturday	09/20/08	0	0		\$23,430,414.20	#DIV/0!	2.22	2434	2800	#DIV/0!	1
Monday	09/22/08	0	12	20	\$23,545,929.80	0.00	2.22	2446	2820	1.67	1
Tuesday	09/23/08	0	31	20	\$23,844,345.10	0.00	2.22	2477	2840	0.65	1
Wednesday	09/24/08	0	36	20	\$24,190,891.90	0.00	2.22	2513	2860	0.56	1
Thursday	09/25/08	0	45	20	\$24,624,075.40	0.00	2.22	2558	2880	0.44	1
Friday	09/26/08	0	42	20	\$25,028,380.00	0.00	2.22	2600	2900	0.48	1
Saturday	09/27/08	0	0		\$25,028,380.00	#DIV/0!	2.22	2600	2900	#DIV/0!	1
Monday	09/29/08	0	42	20	\$25,432,684.60	0.00	2.22	2642	2920	0.48	1
Tuesday	09/30/08	0	42	20	\$25,836,989.20	0.00	2.22	2684	2940	0.48	1
Wednesday	10/01/08	0	34	20	\$26,164,283.40	0.00	2.22	2718	2960	0.59	1
Thursday	10/02/08	0	12	20	\$26,279,799.00	0.00	2.22	2730	2980	1.67	1
Friday	10/03/08	0	44	20	\$26,703,356.20	0.00	2.22	2774	3000	0.45	1
Saturday	10/04/08	0	0		\$26,703,356.20	#DIV/0!	2.22	2774	3000	#DIV/0!	1

Day	Date	Total Manpower	Total Number of Panels	Estimated Number of Panels Per Day	Actual Budget	Actual Daily Productivity	Estimated Daily Productivity	Actual Number of Panels Per Day	Estimated Number of Panels Per Day	Actual Perf.	Estimated Perf.
Tuesday	10/07/08	0	2	20	\$26,780,366.60	0.00	2.22	2782	3040	10.00	1
Wednesday	10/08/08	0	8	20	\$26,857,377.00	0.00	2.22	2790	3060	2.50	1
Thursday	10/09/08	0	0	20	\$26,857,377.00	#DIV/0!	2.22	2790	3080	#DIV/0!	1
Friday	10/10/08	0	0	20	\$26,857,377.00	#DIV/0!	2.22	2790	3100	#DIV/0!	1
Saturday	10/11/08	0	0		\$26,857,377.00	#DIV/0!	2.22	2790	3100	#DIV/0!	1
Monday	10/13/08	0	3	20	\$26,886,255.90	0.00	2.22	2793	3120	6.67	1
Tuesday	10/14/08	0	0	20	\$26,886,255.90	#DIV/0!	2.22	2793	3140	#DIV/0!	1
Wednesday	10/15/08	0	0	20	\$26,886,255.90	#DIV/0!	2.22	2793	3160	#DIV/0!	1
Thursday	10/16/08	0	0	20	\$26,886,255.90	#DIV/0!	2.22	2793	3180	#DIV/0!	1
Friday	10/17/08	0	0	20	\$26,886,255.90	#DIV/0!	2.22	2793	3200	#DIV/0!	1
Saturday	10/18/08	0	0		\$26,886,255.90	#DIV/0!	2.22	2793	3200	#DIV/0!	1
Monday	10/20/08	0	16	20	\$27,040,276.70	0.00	2.22	2809	3220	1.25	1
Tuesday	10/21/08	0	22	20	\$27,252,055.30	0.00	2.22	2831	3240	0.91	1
Wednesday	10/22/08	0	39	20	\$27,627,481.00	0.00	2.22	2870	3260	0.51	1
Thursday	10/23/08	0	8	20	\$27,704,491.40	0.00	2.22	2878	3280	2.50	1
Friday	10/24/08	0	15	20	\$27,848,885.90	0.00	2.22	2893	3300	1.33	1
Saturday	10/25/08	0	12		\$27,964,401.50	0.00	2.22	2905	3300	0.00	1
Monday	10/27/08	0	7	20	\$28,031,785.60	0.00	2.22	2912	3320	2.86	1
Tuesday	10/28/08	0	26	20	\$28,282,069.40	0.00	2.22	2938	3340	0.77	1
Wednesday	10/29/08	0	38	20	\$28,647,868.80	0.00	2.22	2976	3360	0.53	1
Thursday	10/30/08	0	30	20	\$28,936,657.80	0.00	2.22	3006	3380	0.67	1
Friday	10/31/08	0	29	20	\$29,215,820.50	0.00	2.22	3035	3400	0.69	1
Saturday	11/01/08	0	0		\$29,215,820.50	#DIV/0!	2.22	3035	3400	#DIV/0!	1
Monday	11/03/08	0	20	20	\$29,408,346.50	0.00	2.22	3055	3420	1.00	1
Tuesday	11/04/08	0	18	20	\$29,581,619.90	0.00	2.22	3073	3440	1.11	1
Wednesday	11/05/08	0	30	20	\$29,870,408.90	0.00	2.22	3103	3460	0.67	1
Thursday	11/06/08	0	47	20	\$30,322,845.00	0.00	2.22	3150	3480	0.43	1
Friday	11/07/08	0	29	20	\$30,602,007.70	0.00	2.22	3179	3500	0.69	1
Saturday	11/08/08	0	0		\$30,602,007.70	#DIV/0!	2.22	3179	3500	#DIV/0!	1
Monday	11/10/08	0	55	20	\$31,131,454.20	0.00	2.22	3234	3520	0.36	1
Tuesday	11/11/08	0	0	20	\$31,131,454.20	#DIV/0!	2.22	3234	3540	#DIV/0!	1
Wednesday	11/12/08	0	22	20	\$31,343,232.80	0.00	2.22	3256	3560	0.91	1
Thursday	11/13/08	0	16	20	\$31,497,253.60	0.00	2.22	3272	3580	1.25	1
Friday	11/14/08	0	47	20	\$31,949,689.70	0.00	2.22	3319	3600	0.43	1
Saturday	11/15/08	0	5		\$31,997,821.20	0.00	2.22	3324	3600	0.00	1
Monday	11/17/08	0	59	20	\$32,565,772.90	0.00	2.22	3383	3620	0.34	1
Tuesday	11/18/08	0	54	20	\$33,085,593.10	0.00	2.22	3437	3640	0.37	1
Wednesday	11/19/08	0	34	20	\$33,412,887.30	0.00	2.22	3471	3660	0.59	1
Thursday	11/20/08	0	64	20	\$34,028,970.50	0.00	2.22	3535	3680	0.31	1
Friday	11/21/08	0	46	20	\$34,471,780.30	0.00	2.22	3581	3700	0.43	1
Saturday	11/22/08	0	22		\$34,683,558.90	0.00	2.22	3603	3700	0.00	1
Monday	11/24/08	0	20	20	\$34,876,084.90	0.00	2.22	3623	3720	1.00	1
Tuesday	11/25/08	0	20	20	\$35,068,610.90	0.00	2.22	3643	3740	1.00	1
Wednesday	11/26/08	0	18	20	\$35,241,884.30	0.00	2.22	3661	3760	1.11	1
Thursday	11/27/08	0	0	20	\$35,241,884.30	#DIV/0!	2.22	3661	3780	#DIV/0!	1
Friday	11/28/08	0	0	20	\$35,241,884.30	#DIV/0!	2.22	3661	3800	#DIV/0!	1
Saturday	11/29/08	0	0		\$35,241,884.30	#DIV/0!	2.22	3661	3800	#DIV/0!	1
Monday	12/01/08	0	0	20	\$35,241,884.30	#DIV/0!	2.22	3661	3820	#DIV/0!	1
Tuesday	12/02/08	0	13	20	\$35,367,026.20	0.00	2.22	3674	3840	1.54	1
Wednesday	12/03/08	0	8	20	\$35,444,036.60	0.00	2.22	3682	3860	2.50	1
Thursday	12/04/08	0	5	20	\$35,492,168.10	0.00	2.22	3687	3880	4.00	1
Friday	12/05/08	0	15	20	\$35,636,562.60	0.00	2.22	3702	3900	1.33	1
Saturday	12/06/08	0	0		\$35,636,562.60	#DIV/0!	2.22	3702	3900	#DIV/0!	1
Monday	12/08/08	0	0	20	\$35,636,562.60	#DIV/0!	2.22	3702	3920	#DIV/0!	1
Tuesday	12/09/08	0	1	20	\$35,646,188.90	0.00	2.22	3703	3940	20.00	1
Wednesday	12/10/08	0	24	20	\$35,877,220.10	0.00	2.22	3727	3960	0.83	1
Thursday	12/11/08	0	25	20	\$36,117,877.60	0.00	2.22	3752	3980	0.80	1
Friday	12/12/08	0	12	20	\$36,233,393.20	0.00	2.22	3764	4000	1.67	1
Saturday	12/13/08	0	0		\$36,233,393.20	#DIV/0!	2.22	3764	4000	#DIV/0!	1
Monday	12/15/08	0	8	20	\$36,310,403.60	0.00	2.22	3772	4020	2.50	1
Tuesday	12/16/08	0	2	20	\$36,329,656.20	0.00	2.22	3774	4040	10.00	1
Wednesday	12/17/08	0	5	20	\$36,377,787.70	0.00	2.22	3779	4060	4.00	1
Thursday	12/18/08	0	5	20	\$36,425,919.20	0.00	2.22	3784	4080	4.00	1
Friday	12/19/08	0	17	20	\$36,589,566.30	0.00	2.22	3801	4100	1.18	1
Saturday	12/20/08	0	20		\$36,782,092.30	0.00	2.22	3821	4100	0.00	1

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Tuesday	12/23/08	0	14	20	\$37,070,881.30	0.00	2.22	3851	4140	1.43	1
Wednesday	12/24/08	0	4	20	\$37,109,386.50	0.00	2.22	3855	4160	5.00	1
Thursday	12/25/08	0	0	20	\$37,109,386.50	#DIV/0!	2.22	3855	4180	#DIV/0!	1
Friday	12/26/08	0	0	20	\$37,109,386.50	#DIV/0!	2.22	3855	4200	#DIV/0!	1
Saturday	12/27/08	0	0		\$37,109,386.50	#DIV/0!	2.22	3855	4200	#DIV/0!	1
Monday	12/29/08	0	1	20	\$37,119,012.80	0.00	2.22	3856	4220	20.00	1
Tuesday	12/30/08	0	19	20	\$37,301,912.50	0.00	2.22	3875	4240	1.05	1
Wednesday	12/31/08	0	19	20	\$37,484,812.20	0.00	2.22	3894	4260	1.05	1
Thursday	01/01/09	0	0	20	\$37,484,812.20	#DIV/0!	2.22	3894	4280	#DIV/0!	1
Friday	01/02/09	0	24	20	\$37,715,843.40	0.00	2.22	3918	4300	0.83	1
Saturday	01/03/09	0	33		\$38,033,511.30	0.00	2.22	3951	4300	0.00	1
Monday	01/05/09	0	28	20	\$38,303,047.70	0.00	2.22	3979	4320	0.71	1
Tuesday	01/06/09	0	28	20	\$38,572,584.10	0.00	2.22	4007	4340	0.71	1
Wednesday	01/07/09	0	14	20	\$38,707,352.30	0.00	2.22	4021	4360	1.43	1
Thursday	01/08/09	0	58	20	\$39,265,677.70	0.00	2.22	4079	4380	0.34	1
Friday	01/09/09	0	0	20	\$39,265,677.70	#DIV/0!	2.22	4079	4400	#DIV/0!	1
Saturday	01/10/09	0	34		\$39,592,971.90	0.00	2.22	4113	4400	0.00	1
Monday	01/12/09	0	0	20	\$39,592,971.90	#DIV/0!	2.22	4113	4420	#DIV/0!	1
Tuesday	01/13/09	0	24	20	\$39,824,003.10	0.00	2.22	4137	4440	0.83	1
Wednesday	01/14/09	0	62	20	\$40,420,833.70	0.00	2.22	4199	4460	0.32	1
Thursday	01/15/09	0	18	20	\$40,594,107.10	0.00	2.22	4217	4480	1.11	1
Friday	01/16/09	0	9	20	\$40,680,743.80	0.00	2.22	4226	4500	2.22	1
Saturday	01/17/09	0	0		\$40,680,743.80	#DIV/0!	2.22	4226	4500	#DIV/0!	1
Monday	01/19/09	0	0	20	\$40,680,743.80	#DIV/0!	2.22	4226	4520	#DIV/0!	1
Tuesday	01/20/09	0	0	20	\$40,680,743.80	#DIV/0!	2.22	4226	4540	#DIV/0!	1
Wednesday	01/21/09	0	17	20	\$40,844,390.90	0.00	2.22	4243	4560	1.18	1
Thursday	01/22/09	0	13	20	\$40,969,532.80	0.00	2.22	4256	4580	1.54	1
Friday	01/23/09	0	13	20	\$41,094,674.70	0.00	2.22	4269	4600	1.54	1
Saturday	01/24/09	0	8		\$41,171,685.10	0.00	2.22	4277	4600	0.00	1
Monday	01/26/09	0	14	20	\$41,306,453.30	0.00	2.22	4291	4620	1.43	1
Tuesday	01/27/09	0	8	20	\$41,383,463.70	0.00	2.22	4299	4640	2.50	1
Wednesday	01/28/09	0	20	20	\$41,575,989.70	0.00	2.22	4319	4660	1.00	1
Thursday	01/29/09	0	14	20	\$41,710,757.90	0.00	2.22	4333	4680	1.43	1
Friday	01/30/09	0	12	20	\$41,826,273.50	0.00	2.22	4345	4700	1.67	1
Saturday	01/31/09	0	12		\$41,941,789.10	0.00	2.22	4357	4700	0.00	1