

**Chemagro** 2018 Replicated Corn Summary  
C2 Maturity Group  
109-113 day

VAHV Heathsville, VA  
MDPA Princess Anne, MD  
MDNE Northeast, MD  
PACA Carlisle, PA  
PALE Leola, PA  
PAEP East Petersburg, PA

PAMA Manheim, PA  
PAMC McCosville, PA  
PARD Reedsville, PA  
PAMB Middleburg, PA  
PAWT Watsonstown, PA

ID	Location	Hybrid	Maturity/Trait		Yield	Moisture	Test Wt	Y/M ratio	Stalk Lodging	Root Lodging	Pop	\$/Acre	% of Ave Yield	% of Ave Moisture	% of Ave Test Wt	% of Ave Y/M	% of Ave Pop	\$/Ac vs. Loc Mean
			Trait	Yield														
2	VAHZ	6985	0	187.0	15.0	57.0	12.4	0.0%	0.0%	30682	\$ 703.95	87.3%	101.0%	100.2%	86.4%	96.7%	\$ (102.95)	
1	MDPA	6985	0	205.4	15.0	60.7	13.7	0.0%	0.0%	30000	\$ 773.54	99.7%	97.7%	99.6%	101.6%	100.4%	\$ 0.34	
3	MDNE	6985	0	195.0	17.9	57.7	10.9	0.0%	0.0%	22955	\$ 620.11	86.0%	91.1%	99.6%	94.2%	87.9%	\$ (89.09)	
4	PACA	6985	0	240.1	17.0	58.9	14.1	0.0%	0.7%	35500	\$ 889.59	97.8%	97.1%	99.2%	100.2%	100.4%	\$ (16.41)	
5	PALE	6985	0	205.8	16.9	55.7	12.2	5.4%	0.0%	32500	\$ 762.90	99.4%	92.5%	99.5%	106.8%	98.0%	\$ 3.60	
6	PAEP	6985	0	216.6	17.8	57.9	12.2	3.1%	0.0%	32500	\$ 797.09	97.2%	97.9%	98.8%	98.9%	95.3%	\$ (19.71)	
7	PAMA	6985	0	234.2	20.3	54.8	11.5	0.0%	0.0%	32000	\$ 844.15	97.8%	94.6%	98.9%	102.8%	95.0%	\$ (11.05)	
8	PAMC	6985	0	198.8	22.0	52.6	9.0	2.6%	0.0%	27727	\$ 706.52	100.8%	97.4%	97.8%	99.2%	96.7%	\$ (17.18)	
9	PARD	6985	0	209.4	22.1	52.7	9.5	0.0%	0.0%	33000	\$ 743.81	103.1%	99.0%	98.0%	104.3%	94.0%	\$ 23.71	
10	PAMB	6985	0	230.3	17.5	55.9	13.2	0.0%	0.0%	32500	\$ 849.76	102.0%	96.7%	99.3%	105.3%	94.4%	\$ 21.26	
11	PAWT	6985	0	177.5	20.4	53.9	8.7	38.3%	0.0%	24750	\$ 639.26	106.9%	96.9%	99.5%	118.9%	76.8%	\$ 44.46	
11	Mean	6985		209.1	18.4	56.2	11.6	4.5%	0.1%	30351	\$ 757.33	98.0%	96.5%	99.1%	101.7%	94.1%	\$ (14.82)	
2	VAHZ	7095	0	231.8	15.3	57.7	15.2	0.0%	0.0%	32955	\$ 870.65	108.2%	102.6%	101.5%	105.3%	103.9%	\$ 63.75	
1	MDPA	7095	0	203.0	14.8	61.5	13.7	0.0%	0.0%	30227	\$ 766.76	98.6%	96.6%	100.9%	101.7%	101.1%	\$ (7.44)	
3	MDNE	7095	0	212.1	19.1	59.8	11.1	0.0%	0.0%	21818	\$ 666.14	93.5%	97.7%	103.1%	95.7%	83.5%	\$ (43.06)	
4	PACA	7095	0	243.8	16.7	60.4	14.6	0.0%	0.0%	35250	\$ 905.47	99.3%	95.6%	101.8%	103.4%	99.7%	\$ (0.53)	
5	PALE	7095	0	222.1	16.5	57.0	13.5	1.5%	0.0%	34000	\$ 826.62	107.3%	90.0%	101.8%	118.2%	102.5%	\$ 67.32	
6	PAEP	7095	0	231.1	17.8	61.6	13.0	3.7%	0.0%	34500	\$ 850.79	103.8%	97.6%	105.1%	105.8%	102.0%	\$ 33.99	
7	PAMA	7095	0	231.5	21.4	56.5	10.8	0.0%	0.0%	33000	\$ 827.12	96.7%	99.5%	101.9%	96.6%	98.0%	\$ (28.08)	
8	PAMC	7095	0	214.0	21.1	55.1	10.1	4.6%	0.0%	29318	\$ 766.24	108.6%	93.6%	102.5%	111.2%	102.2%	\$ 42.54	
9	PARD	7095	0	212.9	19.7	56.2	10.8	0.0%	0.0%	35000	\$ 771.67	104.8%	88.2%	104.6%	118.9%	99.7%	\$ 51.57	
10	PAMB	7095	0	242.1	17.6	57.4	13.7	0.0%	0.0%	33750	\$ 892.33	107.3%	97.4%	101.9%	110.0%	98.1%	\$ 63.83	
11	PAWT	7095	0	148.8	19.2	57.4	7.8	39.4%	0.0%	35000	\$ 541.59	89.7%	91.0%	106.0%	106.6%	108.6%	\$ (53.21)	
11	Mean	7095		217.6	18.1	58.2	12.2	4.5%	0.0%	32256	\$ 789.49	101.6%	95.4%	102.8%	106.7%	99.9%	\$ 17.33	
2	VAHZ	7145	0	212.8	15.3	56.4	13.9	0.7%	0.0%	30909	\$ 799.13	99.3%	102.9%	99.1%	96.4%	97.5%	\$ (7.77)	
1	MDPA	7145	0	174.1	16.3	62.1	10.7	0.0%	0.0%	28409	\$ 648.68	84.5%	106.4%	101.9%	79.2%	95.1%	\$ (124.52)	
3	MDNE	7145	0	188.8	20.2	59.1	9.3	0.0%	0.0%	21364	\$ 587.05	83.2%	103.0%	101.8%	80.6%	81.8%	\$ (122.15)	
4	PACA	7145	0	253.9	18.2	61.3	13.9	0.0%	0.0%	35750	\$ 931.25	103.4%	104.3%	103.3%	98.7%	101.1%	\$ 25.25	
5	PALE	7145	0	212.8	19.9	57.6	10.7	7.0%	0.0%	33250	\$ 769.72	102.7%	108.8%	102.9%	94.0%	100.2%	\$ 10.42	
6	PAEP	7145	0	244.9	18.2	59.8	13.4	7.5%	0.0%	33250	\$ 898.23	109.9%	100.1%	102.0%	109.3%	98.3%	\$ 81.43	
7	PAMA	7145	0	247.9	22.4	57.5	11.1	0.0%	0.0%	33500	\$ 878.29	103.5%	104.1%	103.8%	98.9%	99.5%	\$ 23.09	
8	PAMC	7145	0	202.3	24.0	54.6	8.4	1.6%	0.0%	28636	\$ 706.65	102.6%	106.4%	101.4%	92.5%	99.8%	\$ (17.05)	
9	PARD	7145	0	211.1	23.0	55.4	9.2	0.0%	0.0%	35500	\$ 743.89	103.9%	103.2%	103.1%	100.8%	101.2%	\$ 23.79	
10	PAMB	7145	0	223.4	19.4	57.1	11.5	0.0%	0.0%	34500	\$ 811.63	99.0%	107.3%	101.4%	92.3%	100.2%	\$ (16.87)	
11	PAWT	7145	0	193.4	22.3	55.3	8.7	26.1%	0.0%	29000	\$ 686.17	116.5%	105.5%	102.0%	119.3%	90.0%	\$ 91.37	
11	Mean	7145		215.0	19.9	57.8	11.0	3.9%	0.0%	31279	\$ 769.15	100.8%	104.7%	102.1%	96.5%	96.8%	\$ (3.00)	
2	VAHZ	7185	0	243.6	14.3	58.7	17.0	0.7%	0.0%	31818	\$ 922.03	113.7%	96.1%	103.2%	118.1%	100.3%	\$ 115.13	
1	MDPA	7185	0	203.8	15.1	61.5	13.5	0.0%	0.0%	30682	\$ 766.74	99.0%	98.6%	100.8%	100.1%	102.7%	\$ (6.46)	
3	MDNE	7185	0	221.8	19.2	58.6	11.6	0.0%	0.0%	23636	\$ 696.53	97.7%	97.7%	101.1%	99.9%	90.5%	\$ (12.67)	
4	PACA	7185	0	250.4	17.1	59.6	14.7	2.7%	0.0%	36750	\$ 927.04	102.0%	97.7%	100.5%	103.9%	103.9%	\$ 21.04	
5	PALE	7185	0	209.2	18.0	56.0	11.7	3.7%	0.0%	33250	\$ 768.73	101.0%	98.4%	100.0%	102.4%	100.2%	\$ 9.43	
6	PAEP	7185	0	245.0	17.0	57.8	14.4	0.7%	0.0%	35000	\$ 907.46	110.0%	93.5%	98.7%	117.1%	103.4%	\$ 90.66	
7	PAMA	7185	0	257.1	22.1	56.1	11.6	0.0%	0.0%	35000	\$ 913.18	107.3%	102.7%	101.3%	103.9%	103.9%	\$ 57.98	
8	PAMC	7185	0	203.4	22.5	53.3	9.0	0.0%	0.0%	29318	\$ 720.22	103.2%	99.5%	99.1%	99.4%	102.2%	\$ (3.48)	
9	PARD	7185	0	203.4	22.8	53.0	8.9	0.7%	0.0%	35000	\$ 718.05	100.2%	102.4%	98.8%	97.9%	99.7%	\$ (2.05)	
10	PAMB	7185	0	231.6	17.6	54.1	13.1	0.7%	0.0%	35000	\$ 853.75	102.6%	97.4%	96.1%	105.1%	101.7%	\$ 25.25	
11	PAWT	7185	0	195.4	21.5	53.4	9.1	16.2%	0.0%	32750	\$ 697.60	117.7%	102.0%	98.6%	124.4%	101.6%	\$ 102.80	
11	Mean	7185		224.1	18.8	56.6	12.2	2.3%	0.0%	32564	\$ 808.30	105.0%	98.7%	99.8%	106.6%	100.9%	\$ 36.15	
2	VAHZ	7275	0	221.5	14.3	56.1	15.5	0.0%	0.0%	32273	\$ 838.92	103.4%	95.8%	98.6%	107.8%	101.8%	\$ 32.02	
1	MDPA	7275	0	218.6	14.5	60.4	15.1	0.0%	0.0%	29091	\$ 826.49	106.2%	94.7%	99.0%	111.7%	97.3%	\$ 53.29	
3	MDNE	7275	0	173.4	18.1	58.1	9.6	0.0%	0.0%	22955	\$ 550.29	76.4%	92.1%	100.2%	82.9%	87.9%	\$ (158.91)	
4	PACA	7275	0	244.9	16.5	59.6	14.8	0.0%	0.0%	34500	\$ 910.84	99.8%	94.5%	100.5%	105.0%	97.5%	\$ 4.84	
5	PALE	7275	0	200.5	16.6	56.3	12.1	1.5%	0.0%	32000	\$ 745.29	96.8%	90.8%	100.6%	105.9%	96.5%	\$ (14.01)	
6	PAEP	7275	0	223.5	17.1	57.8	13.1	0.8%	0.0%	32750	\$ 827.60	100.4%	93.8%	98.6%	106.9%	96.8%	\$ 10.80	
7	PAMA	7275	0	236.6	20.2	55.8	11.8	0.0%	0.0%	33000	\$ 854.17	98.8%	93.8%	100.6%	105.0%	98.0%	\$ (1.03)	
8	PAMC	7275	0	194.3	20.1	54.5	9.7	4.8%	0.0%	28409	\$ 701.92	98.6%	88.8%	101.4%	106.4%	99.0%	\$ (21.78)	
9	PARD	7275	0	198.1	22.0	54.3	9.0	0.0%	0.0%	36000	\$ 704.08	97.5%	98.7%	101.2%	99.4%	102.6%	\$ (16.02)	
10	PAMB	7275	0	218.5	16.8	56.2	13.0	0.0%	0.0%	32000	\$ 810.72	96.8%	92.8%	99.9%	104.0%	93.0%	\$ (17.78)	
11	PAWT	7275	0	170.1	20.6	55.3	8.3	41.7%	0.0%	31750	\$ 611.83	102.4%	97.5%	102.1%	113.9%	98.5%	\$ 17.03	
11	Mean	7275		209.1	17.9	56.8	12.0	4.4%	0.0%	31339	\$ 762.01	97.9%	94.0%	100.2%	104.4%	97.2%	\$ (10.14)	
2	VAHZ	7395	0	198.0	14.7	53.9	13.5	2.3%	0.0%	29318	\$ 747.37	92.4%	98.5%	94.7%	93.6%	92.4%	\$ (59.53)	
1	MDPA	7395	0	214.3	16.4	58.8	13.1	0.0%	0.0%	30000	\$ 797.63	104.1%	107.3%	96.4%	97.0%	100.4%	\$ 24.43	
3	MDNE	7395	0	224.3	19.7	54.5	11.4	0.0%	0.0%	24773	\$ 700.69	98.8%	100.5%	94.0%	98.0%	94.8%	\$ (8.51)	
4	PACA	7395	0	244.7	18.1	55.7	13.6	0.7%	0.0%	35000	\$ 898.75							

2	VAHZ	8942	0	206.0	14.3	54.3	14.4	0.0%	0.0%	31364	\$ 780.12	96.2%	95.8%	95.5%	100.3%	98.9%	\$ (26.78)
1	MDPA	8942	0	201.2	14.8	58.6	13.6	0.0%	0.0%	30909	\$ 758.55	97.7%	96.7%	96.0%	100.7%	103.4%	\$ (14.65)
3	MDNE	8942	0	230.2	18.7	55.8	12.3	0.0%	0.0%	27500	\$ 725.80	101.4%	95.5%	96.2%	106.0%	105.2%	\$ 16.60
4	PACA	8942	0	263.3	17.3	56.5	15.2	0.0%	0.0%	34750	\$ 972.88	107.2%	99.0%	95.3%	107.7%	98.2%	\$ 66.88
5	PALE	8942	0	214.4	18.7	52.9	11.6	0.0%	0.0%	34250	\$ 783.41	103.5%	102.3%	94.5%	101.4%	103.2%	\$ 24.11
6	PAEP	8942	0	234.9	18.5	55.6	12.7	1.4%	0.0%	35500	\$ 859.43	105.5%	101.8%	94.8%	103.1%	104.9%	\$ 42.63
7	PAMA	8942	0	226.5	21.1	52.7	10.7	0.0%	0.0%	34500	\$ 811.31	94.6%	98.3%	95.1%	95.7%	102.4%	\$ (43.89)
8	PAMC	8942	0	214.7	20.9	52.3	9.9	1.2%	0.0%	28409	\$ 770.78	108.9%	92.3%	97.3%	108.9%	99.0%	\$ 47.08
9	PARD	8942	0	219.3	23.0	51.2	9.5	0.0%	0.0%	36750	\$ 772.83	108.0%	103.3%	95.4%	104.6%	104.7%	\$ 52.73
10	PAMB	8942	0	247.7	18.3	54.2	13.5	0.0%	0.0%	37250	\$ 907.71	109.7%	101.3%	96.2%	108.1%	108.2%	\$ 79.21
11	PAWT	8942	0	193.8	21.5	51.2	9.0	8.9%	0.0%	30000	\$ 692.29	116.8%	101.7%	94.5%	123.8%	93.1%	\$ 97.49
11	Mean	8942		222.9	18.8	54.1	12.0	1.0%	0.0%	32835	\$ 803.19	104.5%	98.9%	95.5%	105.5%	102.0%	\$ 31.04
2	VAHZ	8964	0	232.8	14.6	57.1	16.0	0.0%	0.0%	39099	\$ 879.22	108.7%	98.2%	100.3%	110.8%	97.5%	\$ 72.32
1	MDPA	8964	0	221.6	14.9	61.6	14.8	0.0%	0.0%	29545	\$ 834.95	107.6%	97.6%	101.0%	110.0%	98.9%	\$ 61.75
3	MDNE	8964	0	229.5	18.9	59.2	12.1	0.0%	0.0%	27045	\$ 722.12	101.1%	96.7%	102.1%	104.3%	103.5%	\$ 12.92
4	PACA	8964	0	250.4	16.3	60.3	15.4	0.0%	0.0%	36250	\$ 933.20	102.0%	93.0%	101.6%	109.1%	102.5%	\$ 27.20
5	PALE	8964	0	206.5	17.5	57.4	11.8	3.7%	0.0%	33500	\$ 762.14	99.7%	95.5%	102.5%	103.5%	101.0%	\$ 2.84
6	PAEP	8964	0	234.2	16.9	59.6	13.9	0.0%	0.0%	33500	\$ 868.72	105.2%	92.7%	101.7%	113.3%	99.0%	\$ 51.92
7	PAMA	8964	0	244.0	20.4	56.9	11.9	0.0%	0.0%	34500	\$ 878.78	101.9%	95.0%	102.7%	106.6%	102.4%	\$ 23.58
8	PAMC	8964	0	219.3	20.3	55.1	10.8	0.8%	0.0%	28409	\$ 790.55	111.3%	90.0%	102.3%	118.6%	99.0%	\$ 66.85
9	PARD	8964	0	221.0	20.0	55.9	11.0	0.0%	0.0%	33750	\$ 798.89	108.8%	89.8%	104.1%	121.4%	96.2%	\$ 78.79
10	PAMB	8964	0	233.9	16.8	58.6	14.0	2.2%	0.0%	34500	\$ 868.23	103.7%	92.8%	104.1%	111.9%	100.2%	\$ 39.73
11	PAWT	8964	0	190.3	18.7	54.8	10.2	10.9%	0.0%	31750	\$ 694.95	114.6%	88.8%	101.2%	139.3%	98.5%	\$ 100.15
11	Mean	8964		225.8	17.8	57.9	12.9	1.6%	0.0%	32151	\$ 821.07	105.9%	93.6%	102.1%	113.5%	99.9%	\$ 48.91
2	VAHZ	9002	0	213.8	14.5	56.4	14.8	0.0%	0.0%	31364	\$ 808.43	99.8%	97.0%	99.1%	102.7%	98.9%	\$ 1.53
1	MDPA	9002	0	228.7	14.9	60.9	15.4	0.0%	0.0%	32273	\$ 862.02	111.1%	97.1%	99.9%	114.1%	108.0%	\$ 88.82
3	MDNE	9002	0	225.0	18.7	59.6	12.1	0.0%	0.0%	23409	\$ 709.85	99.2%	95.3%	102.7%	103.9%	89.6%	\$ 0.65
4	PACA	9002	0	241.8	16.4	60.3	14.8	0.0%	0.0%	34750	\$ 900.26	98.5%	93.6%	101.7%	104.7%	98.2%	\$ (5.74)
5	PALE	9002	0	201.3	17.2	57.1	11.8	4.7%	0.0%	32250	\$ 744.65	97.2%	94.0%	101.9%	103.1%	97.2%	\$ (14.65)
6	PAEP	9002	0	239.6	18.0	60.3	13.4	0.8%	0.0%	33500	\$ 880.85	107.6%	98.7%	102.9%	108.5%	99.0%	\$ 64.05
7	PAMA	9002	0	241.7	20.6	56.9	11.7	0.0%	0.0%	33000	\$ 869.62	100.9%	95.8%	102.7%	104.8%	98.0%	\$ 14.42
8	PAMC	9002	0	206.2	21.3	53.6	9.7	18.7%	0.0%	27955	\$ 737.17	104.6%	94.3%	99.7%	106.3%	97.4%	\$ 13.47
9	PARD	9002	0	194.8	20.1	54.4	9.7	12.9%	0.0%	35000	\$ 703.37	95.9%	90.3%	101.2%	106.2%	99.7%	\$ (16.73)
10	PAMB	9002	0	230.5	18.8	57.8	12.3	0.0%	0.0%	34250	\$ 841.49	102.1%	103.9%	102.7%	98.0%	99.5%	\$ 12.99
11	PAWT	9002	0	72.3	21.5	54.3	3.4	86.3%	0.0%	33500	\$ 258.38	43.6%	101.7%	100.2%	45.9%	104.0%	\$ (336.42)
11	Mean	9002		208.7	18.3	57.4	11.7	11.2%	0.0%	31932	\$ 756.01	96.4%	96.5%	101.3%	99.8%	99.1%	\$ (16.15)
2	VAHZ	9026	0	200.3	15.3	56.7	13.1	0.0%	0.0%	31591	\$ 752.35	93.5%	102.8%	99.7%	90.7%	99.6%	\$ (54.55)
1	MDPA	9026	0	209.8	14.7	60.6	14.3	0.0%	0.0%	28636	\$ 792.12	101.9%	95.9%	99.3%	105.9%	95.8%	\$ 18.92
3	MDNE	9026	0	205.6	18.8	59.2	11.0	0.0%	0.0%	21591	\$ 648.19	90.6%	95.7%	102.0%	94.4%	82.6%	\$ (61.01)
4	PACA	9026	0	245.1	16.9	61.2	14.5	0.0%	0.0%	35500	\$ 909.14	99.8%	96.4%	103.2%	103.1%	100.4%	\$ 3.14
5	PALE	9026	0	216.5	16.8	58.0	12.9	2.1%	0.0%	34500	\$ 803.47	104.5%	91.6%	103.5%	113.4%	104.0%	\$ 44.17
6	PAEP	9026	0	239.3	17.5	60.1	13.7	6.7%	0.0%	32750	\$ 883.38	107.5%	95.9%	102.6%	111.6%	96.8%	\$ 66.58
7	PAMA	9026	0	251.1	21.0	56.2	12.0	0.0%	0.0%	34000	\$ 900.44	104.8%	97.5%	103.4%	107.0%	101.0%	\$ 45.24
8	PAMC	9026	0	219.8	22.1	55.5	10.0	6.3%	0.0%	28636	\$ 781.02	111.5%	97.7%	103.2%	110.0%	99.8%	\$ 57.32
9	PARD	9026	0	216.3	22.1	56.1	9.8	2.1%	0.0%	35250	\$ 768.42	106.5%	98.9%	104.5%	107.8%	100.4%	\$ 48.32
10	PAMB	9026	0	215.8	17.5	58.3	12.3	1.5%	0.0%	34500	\$ 796.22	95.6%	96.7%	103.6%	98.4%	100.2%	\$ (32.28)
11	PAWT	9026	0	152.9	21.1	57.3	7.3	73.5%	0.0%	35750	\$ 547.71	92.1%	100.1%	105.7%	99.8%	110.9%	\$ (47.09)
11	Mean	9026		215.7	18.5	58.1	11.9	8.4%	0.0%	32064	\$ 780.22	100.8%	97.2%	102.6%	103.8%	99.2%	\$ 8.07
2	VAHZ	9048	0	193.6	14.4	56.0	13.5	0.0%	0.0%	30227	\$ 732.53	90.4%	96.3%	98.5%	93.7%	95.3%	\$ (74.37)
1	MDPA	9048	0	173.6	14.7	60.4	11.8	0.0%	0.0%	27045	\$ 654.92	84.3%	96.4%	99.0%	87.3%	90.5%	\$ (118.28)
3	MDNE	9048	0	216.6	20.0	58.2	10.8	0.0%	0.0%	30000	\$ 674.88	95.5%	101.8%	100.3%	93.4%	114.8%	\$ (34.32)
4	PACA	9048	0	264.1	17.4	59.4	15.2	0.0%	0.0%	34750	\$ 975.41	107.6%	99.5%	100.2%	107.6%	98.2%	\$ 69.41
5	PALE	9048	0	233.1	17.6	56.3	13.3	3.1%	0.0%	31750	\$ 859.60	112.6%	96.2%	100.5%	116.3%	95.7%	\$ 100.30
6	PAEP	9048	0	234.7	19.1	58.7	12.3	6.1%	0.0%	32750	\$ 855.07	105.4%	104.7%	100.2%	100.1%	96.8%	\$ 38.27
7	PAMA	9048	0	253.1	21.8	55.4	11.6	0.0%	0.0%	34000	\$ 901.00	105.7%	101.6%	99.9%	103.5%	101.0%	\$ 45.80
8	PAMC	9048	0	203.9	22.7	53.0	9.0	14.5%	0.0%	28182	\$ 720.15	103.4%	100.6%	98.5%	98.5%	98.2%	\$ (3.55)
9	PARD	9048	0	228.3	22.7	52.9	10.1	0.0%	0.0%	34000	\$ 807.07	112.4%	101.7%	98.5%	110.7%	96.9%	\$ 86.97
10	PAMB	9048	0	242.1	19.1	56.2	12.6	0.0%	0.0%	35000	\$ 881.58	107.3%	105.8%	99.8%	101.2%	101.7%	\$ 53.08
11	PAWT	9048	0	167.5	19.1	53.9	8.8	36.0%	0.0%	34000	\$ 610.18	100.9%	90.4%	99.5%	120.2%	105.5%	\$ 15.38
11	Mean	9048		219.2	19.0	56.4	11.7	5.4%	0.0%	31973	\$ 788.40	102.3%	99.5%	99.5%	102.9%	99.5%	\$ 16.24
2	VAHZ	9109	0	215.0	15.2	57.1	14.1	0.0%	0.0%	31591	\$ 808.13	100.4%	102.0%	100.4%	98.1%	99.6%	\$ 1.23
1	MDPA	9109	0	182.8	15.9	62.4	11.5	0.0%	0.0%	31591	\$ 683.40	88.8%	103.7%	102.3%	85.4%	105.7%	\$ (89.80)
3	MDNE	9109	0	208.4	20.4	58.2	10.2	0.0%	0.0%	28068	\$ 646.92	91.8%	103.9%	100.3%	88.3%	107.4%	\$ (62.28)
4	PACA	9109	0	234.7	18.3	60.6	12.9	0.0%	0.0%	35750	\$ 860.75	95.6%	104.3%	102.2%	91.2%	101.1%	\$ (45.25)
5	PALE	9109	0	207.6	19.8	57.6	10.5	0.0%	0.0%	34750	\$ 751.94	100.2%	108.0%	102.9%	92.0%	104.8%	\$ (7.76)
6	PAEP	9109	0	232.9	19.6	59.1	11.9	4.2%	0.0%	35500	\$ 844.57	104.6%	107.8%	100.8%	96.9%	104.9%	\$ 27.77
7	PAMA	9109	0	239.6	21.2	56.5	11.3	0.0%	0.0%	34500	\$ 857.33	100.0%	98.7%	102.0%	100.8%	102.4%	\$ 2.13
8	PAMC	9109	0	205.7	23.6	54.3	8.7	0.8%	0.0%	27955	\$ 721.39	104.4%	104.5%	101.0%	95.7%	97.4%	\$ (2.31)
9	PARD	9109	0	198.8	24.1	54.5	8.2	0.0%	0.0%	34000	\$ 694.00	97.9%	108.1%	101.6%	90.6%	96.9%	\$ (26.10)
10	PAMB	9109	0	221.0	19.9	57.7	11.1	0.0%	0.0%	35250	\$ 799.95	97.9%	109.7%	102.4%	89.1%	102.4%	\$ (28.55)
11	PAWT	9109	0	191.8	23.0	55.7	8.4	16.0%	0.0%	31000	\$ 676.45	115.6%	108.8%	102.7%	114.6%	96.2%	\$ 81.65
11	Mean	9109		212.6	20.1	57.6	10.8	1.9%	0.0%	32723	\$ 758.62	99.7%	105.4%	101.7%	94.8%	101.7%	\$ (13.53)
2	VAHZ	9114	0	203.1	15.3	56.2	13.3	0.7%	0.0%	32273	\$ 763.24	94.8%	102.4%	98.8%	92.6%	101.8%	\$ (43.66)
1	MDPA	9114	0	196.4	15.6	61.4	12.6	0.0%	0.0%	31818	\$ 735.94	95.4%	102.0%	100.7%	93.2%	106.5%	\$ (37.26)
3	MDNE	9114	0	238.0</													

2	VAHZ	9117	0	220.1	15.5	58.2	14.2	4.1%	0.0%	32955	\$ 825.65	102.8%	103.8%	102.2%	98.8%	103.9%	\$ 18.75
1	MDPA	9117	0	232.8	16.3	61.9	14.3	0.0%	0.0%	30909	\$ 867.59	113.1%	106.3%	101.5%	105.9%	103.4%	\$ 94.39
3	MDNE	9117	0	248.2	19.4	59.0	12.8	0.0%	0.0%	25682	\$ 777.74	109.4%	98.8%	101.8%	110.5%	98.3%	\$ 68.54
4	PACA	9117	0	252.3	18.9	60.6	13.4	3.3%	0.0%	37750	\$ 920.88	102.8%	107.7%	102.3%	94.9%	106.7%	\$ 14.88
5	PALE	9117	0	199.2	21.5	56.9	9.4	4.7%	0.0%	33250	\$ 711.59	96.2%	117.2%	101.5%	82.1%	100.2%	\$ (47.71)
6	PAEP	9117	0	230.0	19.2	59.1	12.0	14.4%	0.0%	35250	\$ 836.95	103.3%	105.6%	100.8%	97.3%	104.2%	\$ 20.15
7	PAMA	9117	0	288.0	22.7	56.4	12.7	0.0%	0.0%	35500	\$ 1,017.98	120.2%	105.4%	101.9%	113.5%	105.4%	\$ 162.78
8	PAMC	9117	0	197.5	25.0	53.2	7.9	21.2%	0.0%	26818	\$ 684.50	100.2%	110.5%	98.9%	87.0%	93.5%	\$ (39.20)
8	Mean	9117		233.5	19.8	58.2	12.1	6.0%	0.0%	32264	\$ 830.36	106.0%	106.9%	101.4%	98.8%	102.0%	\$ 36.57
2	VAHZ	9227	0	205.7	15.9	57.5	12.9	0.0%	0.0%	32500	\$ 768.85	96.0%	106.9%	101.0%	89.8%	102.5%	\$ (38.05)
1	MDPA	9227	0	203.0	15.6	61.3	13.0	0.0%	0.0%	30455	\$ 760.49	98.6%	102.2%	100.4%	96.2%	101.9%	\$ (12.71)
3	MDNE	9227	0	247.7	21.0	56.8	11.8	0.0%	0.0%	26591	\$ 764.09	109.2%	107.2%	97.9%	101.6%	101.8%	\$ 54.89
4	PACA	9227	0	251.9	18.3	59.7	13.8	0.7%	0.0%	35500	\$ 923.77	102.6%	104.3%	100.7%	97.9%	100.4%	\$ 17.77
5	PALE	9227	0	207.5	18.8	56.2	11.1	4.5%	0.0%	33000	\$ 757.83	100.2%	102.5%	100.3%	97.1%	99.5%	\$ (1.47)
6	PAEP	9227	0	227.8	20.2	58.8	11.3	2.1%	0.0%	35500	\$ 822.35	102.3%	110.8%	100.3%	91.6%	104.9%	\$ 5.55
7	PAMA	9227	0	255.0	22.9	54.5	11.2	0.0%	0.0%	33500	\$ 900.03	106.5%	106.4%	98.4%	99.6%	99.5%	\$ 44.83
8	PAMC	9227	0	173.7	23.9	53.6	7.3	2.5%	0.0%	27273	\$ 607.67	88.1%	105.6%	99.6%	80.0%	95.1%	\$ (116.03)
9	PARD	9227	0	187.4	23.6	53.3	7.9	3.7%	0.0%	33500	\$ 657.32	92.3%	105.9%	99.2%	87.3%	95.5%	\$ (62.78)
10	PAMB	9227	0	208.5	19.4	56.3	10.8	5.1%	0.0%	34750	\$ 757.59	92.4%	107.0%	99.9%	86.2%	101.0%	\$ (70.91)
11	PAWT	9227	0	120.5	24.2	52.8	5.0	22.6%	0.0%	35250	\$ 420.41	72.6%	114.9%	97.4%	68.1%	109.4%	\$ (174.39)
11	Mean	9227		208.1	20.3	56.4	10.5	3.8%	0.0%	32529	\$ 740.03	96.4%	106.7%	99.6%	90.5%	101.0%	\$ (32.12)
2	VAHZ	9246	0	210.1	15.1	56.5	13.9	0.0%	0.0%	30909	\$ 790.40	98.1%	101.3%	99.3%	96.7%	97.5%	\$ (16.50)
1	MDPA	9246	0	196.2	15.1	61.3	13.0	0.0%	0.0%	29545	\$ 738.19	95.3%	98.5%	100.6%	96.3%	98.9%	\$ (35.01)
3	MDNE	9246	0	210.9	19.4	57.9	10.9	0.0%	0.0%	28182	\$ 660.41	92.9%	99.2%	99.9%	93.6%	107.9%	\$ (48.79)
4	PACA	9246	0	217.3	15.3	58.8	14.2	0.0%	0.0%	36000	\$ 816.16	88.5%	87.4%	99.2%	100.7%	101.8%	\$ (89.84)
5	PALE	9246	0	164.0	16.5	55.3	10.1	0.8%	0.0%	33750	\$ 610.15	79.2%	90.0%	98.7%	88.5%	101.7%	\$ (149.15)
6	PAEP	9246	0	162.5	16.4	57.9	9.9	0.0%	1.4%	35750	\$ 605.00	73.0%	90.2%	98.9%	80.5%	105.7%	\$ (211.80)
7	PAMA	9246	0	206.0	20.6	55.0	10.0	0.0%	0.0%	33500	\$ 740.69	86.0%	96.0%	99.3%	89.2%	99.5%	\$ (114.51)
8	PAMC	9246	0	185.9	21.3	53.5	8.7	1.6%	0.0%	27955	\$ 664.86	94.3%	94.2%	99.5%	95.9%	97.4%	\$ (58.84)
9	PARD	9246	0	163.7	21.2	52.5	7.7	1.4%	0.0%	35250	\$ 586.23	80.6%	94.9%	97.7%	85.1%	100.4%	\$ (133.87)
10	PAMB	9246	0	194.5	16.2	56.2	12.0	0.0%	0.0%	32000	\$ 724.97	86.2%	89.6%	99.8%	95.9%	93.0%	\$ (103.53)
11	PAWT	9246	0	142.5	19.5	52.8	7.3	1.6%	0.0%	32250	\$ 517.10	85.8%	92.6%	97.4%	99.8%	100.1%	\$ (77.70)
11	Mean	9246		186.7	17.9	56.2	10.7	0.5%	0.1%	32281	\$ 677.65	87.3%	94.0%	99.1%	92.9%	100.3%	\$ (94.50)
2	VAHZ	9301	0	229.6	15.8	57.4	14.6	0.0%	0.0%	32955	\$ 859.23	107.2%	105.8%	101.0%	101.2%	103.9%	\$ 52.33
1	MDPA	9301	0	224.2	16.3	62.7	13.8	0.0%	0.0%	32500	\$ 835.65	108.9%	106.3%	102.7%	102.1%	108.7%	\$ 62.45
3	MDNE	9301	0	256.4	21.0	59.1	12.2	0.0%	0.0%	29318	\$ 791.27	113.0%	107.0%	101.9%	105.5%	112.2%	\$ 82.07
4	PACA	9301	0	256.2	19.0	60.5	13.5	0.0%	0.0%	36750	\$ 934.18	104.4%	108.5%	102.1%	95.8%	103.9%	\$ 28.18
5	PALE	9301	0	214.5	20.5	56.3	10.5	0.0%	0.0%	33250	\$ 772.30	103.6%	111.9%	100.5%	91.9%	100.2%	\$ 13.00
6	PAEP	9301	0	238.1	21.7	59.4	11.1	0.0%	0.0%	32750	\$ 849.08	106.9%	119.0%	101.4%	90.0%	96.8%	\$ 32.28
7	PAMA	9301	0	235.3	23.0	56.3	10.2	0.0%	0.0%	34000	\$ 829.32	98.3%	107.1%	101.6%	91.3%	101.0%	\$ (25.88)
8	PAMC	9301	0	190.6	25.2	53.1	7.6	50.0%	0.0%	27273	\$ 659.06	96.7%	111.7%	98.7%	83.0%	95.1%	\$ (64.64)
9	PARD	9301	0	199.4	23.5	54.1	8.5	7.1%	0.0%	35250	\$ 700.14	98.2%	105.2%	100.7%	93.3%	100.4%	\$ (19.96)
10	PAMB	9301	0	234.9	20.3	56.7	11.6	0.7%	0.0%	37000	\$ 847.01	104.1%	112.3%	100.7%	92.5%	107.5%	\$ 18.51
11	PAWT	9301	0	175.3	22.4	53.8	7.8	49.2%	0.0%	35000	\$ 620.70	105.6%	106.4%	99.2%	107.4%	108.6%	\$ 25.90
11	Mean	9301		223.1	20.8	57.2	11.0	9.7%	0.0%	33277	\$ 790.72	104.3%	109.2%	100.9%	95.8%	103.5%	\$ 18.57
2	VAHZ	9313	0	218.4	14.6	54.0	15.0	0.0%	0.0%	32500	\$ 824.89	102.0%	98.0%	94.9%	103.8%	102.5%	\$ 17.99
1	MDPA	9313	0	217.1	15.0	58.0	14.5	0.0%	0.0%	30227	\$ 817.32	105.4%	98.1%	95.0%	107.2%	101.1%	\$ 44.12
3	MDNE	9313	0	205.4	19.4	54.1	10.6	0.0%	0.0%	21591	\$ 643.69	90.5%	99.0%	93.3%	91.2%	82.6%	\$ (65.51)
4	PACA	9313	0	257.0	18.6	55.1	13.8	0.0%	0.0%	33750	\$ 939.51	104.7%	106.4%	92.9%	97.9%	95.4%	\$ 33.51
5	PALE	9313	0	220.4	18.7	51.8	11.8	0.0%	0.0%	33500	\$ 805.40	106.4%	102.3%	92.6%	103.5%	101.0%	\$ 46.10
6	PAEP	9313	0	218.1	18.7	54.5	11.7	0.8%	0.0%	31250	\$ 797.03	97.9%	102.7%	92.9%	94.8%	92.4%	\$ (19.77)
7	PAMA	9313	0	260.8	21.9	52.0	11.9	0.0%	0.0%	34000	\$ 928.09	108.9%	101.7%	93.9%	106.6%	101.0%	\$ 72.89
8	PAMC	9313	0	206.2	23.9	52.0	8.6	0.8%	0.0%	27500	\$ 721.21	104.6%	105.8%	96.6%	94.6%	95.9%	\$ (2.49)
8	Mean	9313		225.4	18.9	53.9	12.2	0.2%	0.0%	30540	\$ 809.64	102.6%	101.7%	94.0%	100.0%	96.5%	\$ 15.86
2	VAHZ	9328	0	228.6	15.2	56.8	15.2	0.0%	0.0%	32045	\$ 859.59	106.7%	101.8%	99.9%	105.3%	101.0%	\$ 52.69
1	MDPA	9328	0	198.2	16.0	61.8	12.4	0.0%	0.0%	32273	\$ 740.40	96.2%	104.3%	101.3%	91.9%	108.0%	\$ (32.80)
3	MDNE	9328	0	250.1	20.0	58.9	12.5	0.0%	0.0%	28409	\$ 778.84	110.2%	102.1%	101.6%	107.7%	108.7%	\$ 69.64
4	PACA	9328	0	267.8	17.8	60.5	15.0	0.0%	0.0%	36500	\$ 985.82	109.1%	101.8%	102.0%	106.7%	103.2%	\$ 79.82
5	PALE	9328	0	202.8	17.8	56.4	11.4	0.7%	0.0%	35000	\$ 746.20	97.9%	97.5%	100.7%	99.7%	105.5%	\$ (13.10)
6	PAEP	9328	0	226.7	19.7	59.4	11.5	5.7%	0.0%	34500	\$ 821.50	101.8%	108.4%	101.4%	93.6%	102.0%	\$ 4.70
7	PAMA	9328	0	267.7	22.3	56.3	12.0	0.0%	0.0%	32500	\$ 949.58	111.8%	103.5%	101.6%	107.4%	96.5%	\$ 94.38
8	PAMC	9328	0	206.5	25.0	53.4	8.3	4.9%	0.0%	27727	\$ 715.55	104.8%	110.7%	99.3%	90.7%	96.7%	\$ (8.15)
9	PARD	9328	0	210.1	22.6	54.3	9.3	1.4%	0.0%	36500	\$ 743.23	103.4%	101.3%	101.1%	102.3%	104.0%	\$ 23.13
10	PAMB	9328	0	245.3	18.6	57.9	13.2	0.0%	0.0%	36000	\$ 896.89	108.7%	102.8%	102.8%	105.5%	104.6%	\$ 68.39
11	PAWT	9328	0	154.3	21.8	54.0	7.1	21.7%	0.0%	31250	\$ 549.83	93.0%	103.1%	99.6%	97.2%	97.0%	\$ (44.97)
11	Mean	9328		223.5	19.7	57.2	11.6	3.1%	0.0%	32973	\$ 798.85	104.0%	103.4%	101.0%	100.7%	102.5%	\$ 26.70
2	VAHZ	60-67	0	214.4	14.6	58.7	14.7	2.4%	0.0%	29091	\$ 809.92	100.1%	97.8%	103.2%	102.1%	91.7%	\$ 3.02
1	MDPA	60-67	0	199.1	15.2	62.0	13.1	0.0%	0.0%	28409	\$ 748.63	96.7%	99.3%	101.6%	97.1%	95.1%	\$ (24.57)
3	MDNE	60-67	0	185.4	19.0	60.1	9.7	0.0%	0.0%	25227	\$ 582.76	81.7%	97.1%	103.6%	83.9%	96.5%	\$ (126.44)
4	PACA	60-67	0	229.5	16.9	61.9	13.6	1.6%	0.0%	31250	\$ 851.40	93.5%	96.4%	104.3%	96.6%	88.4%	\$ (54.60)
5	PALE	60-67	0	204.9	17.3	58.9	11.8	0.8%	0.0%	30500	\$ 757.31	99.0%	94.6%	105.3%	103.8%	91.9%	\$ (1.99)
6	PAEP	60-67	0	225.5	17.5	60.7	12.9	8.7%	0.0%	32500	\$ 832.35	101.3%	96.0%	103.7%	105.0%	96.1%	\$ 15.55
7	PAMA	60-67	0	230.0	20.3	57.7	11.3	0.0%	0.0%	32500	\$ 829.21	96.0%	94.5%	104.1%	101.1%	96.5%	\$ (25.99)
8	PAMC	60-67	0	176.7	21.3	56.4	8.3	13.9%	0.0%	28182	\$ 631.90	89.6%	94.1%	104.9%	91.5%	98.2%	\$ (91.80)
9	PARD	60-67	0	189.													

2	VAHZ	9349	0	203.4	15.1	58.3	13.5	2.0%	0.0%	34091	\$ 765.37	95.0%	101.2%	102.4%	93.9%	107.5%	\$ (41.53)
1	MDPA	9349	0	213.5	15.2	61.5	14.1	0.0%	0.0%	29091	\$ 802.68	103.7%	99.1%	100.8%	104.4%	97.3%	\$ 29.48
3	MDNE	9349	0	272.0	19.3	57.7	14.1	0.0%	0.0%	29545	\$ 852.77	119.9%	98.7%	99.4%	121.3%	113.1%	\$ 143.57
4	PACA	9349	0	271.0	18.4	59.6	14.7	0.7%	0.0%	36500	\$ 992.56	110.4%	105.3%	100.4%	104.3%	103.2%	\$ 86.56
5	PALE	9349	0	233.2	19.3	56.3	12.1	6.8%	0.0%	33000	\$ 847.57	112.6%	105.6%	100.6%	105.9%	99.5%	\$ 88.27
6	PAEP	9349	0	244.0	19.6	58.3	12.5	6.6%	0.0%	34500	\$ 885.22	109.6%	107.5%	99.6%	101.5%	102.0%	\$ 68.42
7	PAMA	9349	0	263.1	22.5	55.3	11.7	0.0%	0.0%	34500	\$ 931.45	109.8%	104.6%	99.8%	104.5%	102.4%	\$ 76.25
8	PAMC	9349	0	220.5	23.8	53.6	9.3	11.1%	0.0%	29091	\$ 772.01	111.8%	105.2%	99.7%	101.9%	101.4%	\$ 48.31
9	PARD	9349	0	232.2	23.2	53.5	10.0	0.0%	0.0%	36500	\$ 816.88	114.3%	104.2%	99.7%	109.8%	104.0%	\$ 96.78
10	PAMB	9349	0	263.1	18.9	56.4	14.0	0.0%	0.0%	36250	\$ 960.02	116.6%	104.1%	100.2%	111.7%	105.3%	\$ 131.52
11	PAWT	9349	0	189.7	22.6	54.3	8.4	34.7%	0.0%	28750	\$ 670.73	114.3%	107.2%	100.2%	115.0%	89.2%	\$ 75.93
11	Mean	9349		236.9	19.8	56.8	12.2	5.6%	0.0%	32893	\$ 845.21	110.7%	103.9%	100.3%	106.7%	102.3%	\$ 73.05
2	VAHZ	1197AM	0	223.4	14.9	56.2	15.0	0.7%	0.0%	31136	\$ 841.51	104.3%	100.3%	98.7%	103.9%	98.2%	\$ 34.61
1	MDPA	1197	0	193.8	15.6	61.2	12.4	0.0%	0.0%	29545	\$ 726.56	94.1%	101.7%	100.3%	91.8%	98.9%	\$ (46.64)
3	MDNE	P1197	0	250.6	18.8	58.6	13.3	0.0%	0.0%	23636	\$ 789.49	110.4%	96.0%	101.0%	114.8%	90.5%	\$ 80.29
4	PACA	P1197	0	254.7	16.3	58.2	15.6	0.0%	0.0%	36000	\$ 949.11	103.8%	93.2%	98.2%	110.8%	101.8%	\$ 43.11
5	PALE	P1197	0	224.3	17.8	54.9	12.6	1.6%	0.0%	31500	\$ 825.51	108.3%	97.5%	98.0%	110.3%	95.0%	\$ 66.21
6	PAEP	P1197AM	0	241.8	17.4	59.0	13.9	6.2%	1.4%	36250	\$ 892.85	108.6%	95.8%	100.8%	112.8%	107.1%	\$ 76.05
7	PAMA	P1197	0	249.8	20.2	54.6	12.4	0.0%	0.0%	34000	\$ 901.76	104.3%	93.7%	98.5%	110.7%	101.0%	\$ 46.56
8	PAMC	P1197	0	220.4	23.9	51.1	9.2	6.6%	0.0%	28182	\$ 770.79	111.8%	105.9%	95.0%	101.2%	98.2%	\$ 47.09
9	PARD	P1197	0	213.6	20.9	52.4	10.2	0.0%	0.0%	36250	\$ 766.16	105.2%	93.9%	97.6%	112.3%	103.3%	\$ 46.06
10	PAMB	P1197	0	224.5	16.3	54.7	13.8	0.0%	0.0%	36000	\$ 836.62	99.5%	89.8%	97.2%	110.5%	104.6%	\$ 8.12
11	PAWT	P1197	0	187.1	20.3	52.4	9.3	39.4%	0.0%	35500	\$ 675.03	112.7%	96.0%	96.7%	126.8%	110.2%	\$ 80.23
11	Mean	P1197		225.8	18.4	55.8	12.5	5.0%	0.1%	32545	\$ 815.94	105.7%	96.7%	98.4%	109.6%	100.8%	\$ 43.79