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**Almond Board of California
Final Report - 2004-05**

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Project Title: **Summation for trend analysis of 1980s and 1990s almond ALMOND BOARD
Regional Variety Trial data**

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Objectives:

1. Compile available Regional Variety Trial data from both the old 1980s trials and new RVTs into a standardized spreadsheet format.
2. Analyze production histories of varieties over the orchard life of the Regional Variety Trials with an attempt to identify characteristic production trends for standard varieties and different tree architectures/bearing habits, etc.

Results: [includes 2 spreadsheet attachments: *OldRVTsum.xls* and *NewRVTsum.xls*]

Yearly progress reports of the almond Regional Variety Trials (RVT) have become important and unbiased sources of information for growers, handlers, nurseries and researchers. The first RVT was planted in Kern County in 1974 with subsequent variety trials established at Chico State University in 1976 and at Delta College in 1978. Both standard and emerging almond varieties as well as promising plant breeding selections were compared. Over the next 15 years large amounts of information concerning tree and nut characteristics, yield, and insect damage have been gathered by Farm Advisers and Extension Specialists and reported to the almond industry, though often as separate (by both year and site) reports. In 1993, a second series of almond RVTs was planted at Paramount Farms in Kern County, and again at Chico State University in Butte County and Delta College in San Joaquin County. Data collection has been standardized and information from all three regional trials has been consolidated into a single yearly report. Evaluated varieties were interplanted with rows of either Nonpareil or Mission depending upon their bloom time. Information has been generated in these trials concerning nut and tree characteristics as well as yield and bloom periods. The printed format of the RVT reports allowed an objective comparison of varieties for given years and within plots, but did not facilitate the evaluation of



Fig. 1. RVT locations.

larger trends such as a comparison over many years or between plots, or of possible associations between individual variety productivity and potentially critical yield components such as bloom quality, tree location and insect damage.

RVT data from 1979-1992 and 1995-2004 have now been compiled on 2 attached Excel spreadsheets: *OldRVTsum.xls* and *NewRVTsum.xls*, respectively. The spreadsheet format allows easy data and trend analysis by a wide range of users and is a useful data format for export and analysis in more powerful database and statistical programs.

The value of this data for field trend studies is shown in a 2003 yield vs. micro-site analysis of the San Joaquin RVT (Fig. 2) and an evaluation of Kern RVT yield trends during early orchard production (1995-2004 or 3rd to 12th leaf) (Fig. 3) for selected varieties.

Micro-site effects. All RVTs have rows of Nonpareil alternating between tested selections with early to mid flowering periods, and with rows of Mission alternating between varieties having a late flowering period. The annual progress reports, provide the average yields over the plot for these 2 standard varieties. An analysis of individual Nonpareil row yields often shows sizable variability across the plot (figure 2). As a result, reported Nonpareil and Mission yields often

2003 Manteca

Winters

1446 #/A

Nonpareil

1637 #/A

[2950 #/A-Max3]

2-19E

1405 #/A

Mission

1923 #/A

[2094 #/A-Max]

MapQuephoto →

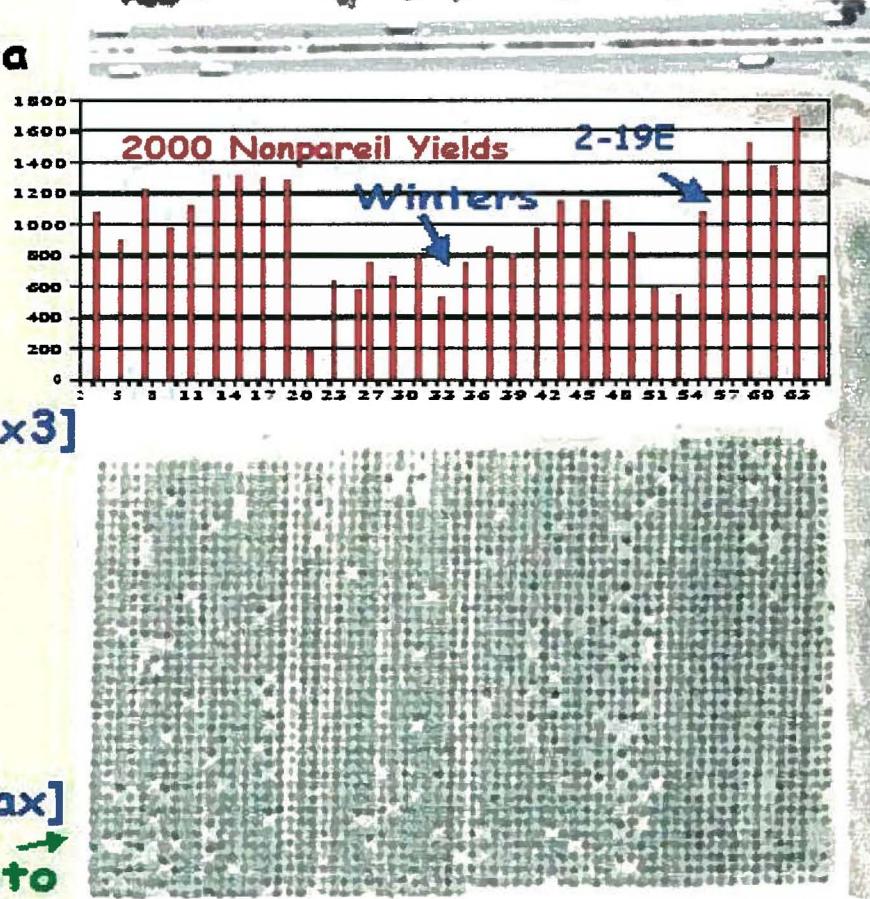


Fig. 2.. Plotting individual yields of alternating Nonpareil check rows to map out low production areas of orchard.

appear to be more stable from year to year though the stability may be more a consequence of the averaging method used rather than an inherent quality of the variety. Yields across the Manteca plot show particularly wide variability owing to the predominantly sandy soils and the presence within the plot of sections having poorer nutrient/water quality. The resultant localized reduction in tree growth is clearly apparent in aerial photos of this plot (see Figure 2). Just as the use of Nonpareil row data only from within these low production zones would clearly result in under estimations of the true yield potential of this variety, the yield potential of experimental varieties within the sections will also be

Chico RVT, shows only a moderate yield of 1446 #A in the Manteca (or Delta) RVT.

The average yields of the Nonpareil rows on either side of

Winters were similarly moderate at 1637 #A in 2003. The maximum yield for Nonpareil in that block was 2950 #A suggesting a greater yield potential for Winters, if grown in better ground. Thus, a more accurate evaluation of variety yield potential would come from comparisons with the adjacent Nonpareil check rows rather than a comparison of the averaged Nonpareil yield. In comparison, the experimental variety 2-19E shows a moderate yield 1405 #A compared the adjacent mission yields of 1923 #A. Since the maximum Mission yield is only slightly higher at 2094 #A, it can be concluded that the lower yields of 2-19E at this site are due to genetic (including its tendency for alternate bearing as shown below) rather than predominantly environmental (soil, etc.) limitations.

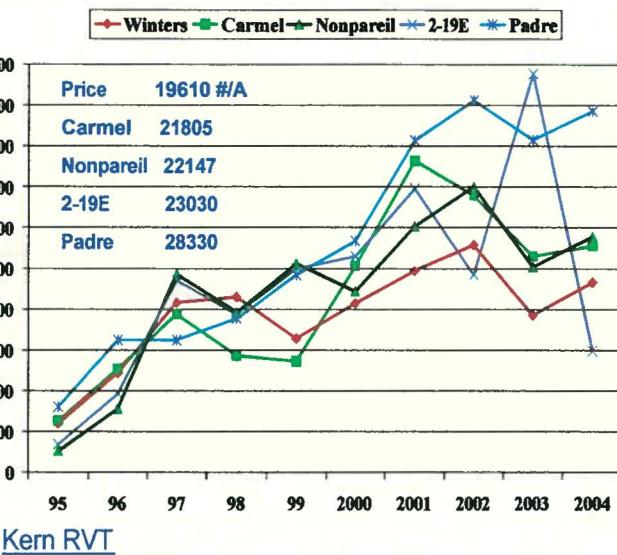


Fig. 3. Yield performance of UCD Selection 2-19E and *Padre* variety compared to *Nonpareil* for the 2003 Kern Regional Variety trial.

Yield trends during early orchard production.

One the most important message from this long-term data analysis is that it is the overall performance of a variety which is most important. Alternate bearing varieties such as UCD selection 2-19E in Figure 3, can show very impressive production when following years of low crop. While it may be a big money maker in alternate years, it may not be as productive as other varieties in the long-term cumulative yields. The recognition of alternate bearing trends in almonds such as UCD 2-19E and Price is critical for grower decisions when planting new varieties as well as decisions as how to manage these cultivars, since with proper management they can be amongst the highest yielding varieties over the long-term. (Even with its pronounced alternate bearing habit, 2-19E still retains one of the highest cumulative yields in this otherwise very productive orchard (Figure 3)).

An improved characterization of long-term production trends among different varieties will also allow insight into tree architectures facilitating higher yields and more efficient orchard management. For example, alternate bearing varieties often show very high densities of flowers on bearing wood, leading to high yields on a particular year but producing few flower buds for the next year's production. Consistent and high yields are achieved by other varieties such as Padre in Figure 2 through a more even distribution of flowers and bearing wood over the tree.

The compiled RVT spreadsheets have been provided to Farm Advisors, researchers and the Extension Specialists working with almonds. A multidisciplinary research group is presently using this data to assist in identifying important long-term yield determinants, with results to be published in a peer-reviewed journal. When finalized, copies of this research will be provided to the Almond Board for wider distribution.

Site	Variety	Rootstock	Tree code	Row #	Tree #	nuts per tree	kernel wt. in g	Crack-out	lbs. per tree	lbs. per acre	1995-2000	1995-2000
Chico	Yokut	Lovell	3	19	3	1822	1.40	56.0	5.6	359	359	359
Chico	Yokut	Lovell	3	19	3	4074	1.33	54.0	12.0	765	1124	1124
Chico	Yokut	Lovell	3	19	3	4488	1.42	61.4	14.0	896	2020	2020
Chico	Yokut	Lovell	3	19	3	6779	1.26	54.8	18.8	1204	3224	3224
Chico	Yokut	Lovell	3	19	3	5663	1.41	.	17.6	1126	4350	4350
Chico	Yokut	Lovell	3	19	3	10919	1.28	58.2	30.7	1964	6314	6314
Chico	Yokut	Lovell	3	19	3	9743	1.18	50.3	25.3	1621	7934	7934
Chico	Yokut	Lovell	3	19	3	8444	1.43	59.3	26.6	1700	9634	9634
Chico	Yokut	Lovell	3	19	3	8921.0	1.2	52.7	24.4	1559	11193	11193
Delta	Yokut	Nemaguard	3	14	1	1014	1.5	61	3.3	226	226	226
Delta	Yokut	Nemaguard	3	14	1	6529	1.19	59.1	17.2	1288	1514	1514
Delta	Yokut	Nemaguard	3	14	1	8765	1.30	65.0	25.1	1882	3396	3396
Delta	Yokut	Nemaguard	3	14	1	8707	1.36	55.3	26.1	1956	5352	5352
Delta	Yokut	Nemaguard	3	14	1	9834	1.27	.	27.5	2060	7412	7412
Delta	Yokut	Nemaguard	3	14	1	7690	1.32	55.0	22.3	1674	9087	9087
Delta	Yokut	Nemaguard	3	14	1	8531	1.29	58.3	24.2	1812	10899	10899
Delta	Yokut	Nemaguard	3	14	1	5936	1.34	51.4	17.6	1318	12217	12217
Delta	Yokut	Nemaguard	3	14	1	9589.6	1.3	60.7	28.5	2135	14352	14352
Kern	Yokut	Nemaguard	3	12	1	1362	1.482	56	4.4	382	382	382
Kern	Yokut	Nemaguard	3	12	1	5621	1.24	50.5	15.3	1316	1698	1698
Kern	Yokut	Nemaguard	3	12	1	6189	1.30	55.0	17.7	1519	3218	3218
Kern	Yokut	Nemaguard	3	12	1	7406	1.31	63.7	21.3	1835	5053	5053
Kern	Yokut	Nemaguard	3	12	1	9886	1.08	51.4	23.5	2023	7075	7075
Kern	Yokut	Nemaguard	3	12	1	11973	1.40	.	37.0	3184	10260	10260
Kern	Yokut	Nemaguard	3	12	1	8518	1.28	61.4	23.9	2059	12318	12318
Kern	Yokut	Nemaguard	3	12	1	14538	1.14	57.1	36.6	3150	15469	15469
Kern	Yokut	Nemaguard	3	12	1	13062	1.26	61.5	36.3	3118	18587	18587
Kern	Yokut	Nemaguard	3	12	1	11037.9	1.1	59.4	27.9	2396	20983	20983
Chico	WoodColony	Lovell	3	10	2	151	1.334	57	0.4	28	28	28
Chico	WoodColony	Lovell	3	10	2	4419	1.16	50.9	11.3	724	752	752
Chico	WoodColony	Lovell	3	10	2	5707	1.22	58.6	15.3	978	1730	1730
Chico	WoodColony	Lovell	3	10	2	4976	1.36	54.3	14.9	951	2681	2681
Chico	WoodColony	Lovell	3	10	2	8953	1.16	51.8	22.9	1464	4145	4145
Chico	WoodColony	Lovell	3	10	2	9667	1.24	.	26.5	1695	5840	5840
Chico	WoodColony	Lovell	3	10	2	10948	1.15	51.4	27.8	1781	7621	7621
Chico	WoodColony	Lovell	3	10	2	14895	1.10	54.3	36.2	2318	9939	9939
Chico	WoodColony	Lovell	3	10	2	8225	1.20	44.8	21.7	1387	11326	11326
Chico	WoodColony	Lovell	3	10	2	10547.6	1.1	45.9	26.0	1665	12992	12992
Delta	WoodColony	Nemaguard	3	38	1	922	1.39	66.2	2.8	211	211	211
Delta	WoodColony	Nemaguard	3	38	1	5802	1.18	66.5	15.1	1131	1342	1342
Delta	WoodColony	Nemaguard	3	38	1	5139	1.38	61.1	15.6	1168	2510	2510
Delta	WoodColony	Nemaguard	3	38	1	10622	1.24	57.9	29.0	2176	4686	4686
Delta	WoodColony	Nemaguard	3	38	1	7086	1.32	.	20.6	1543	6229	6229
Delta	WoodColony	Nemaguard	3	38	1	8020	1.27	52.4	22.4	1677	7906	7906
Delta	WoodColony	Nemaguard	3	38	1	6888	1.39	66.3	21.1	1579	9485	9485
Delta	WoodColony	Nemaguard	3	38	1	8924	1.29	60.1	25.4	1908	11393	11393
Delta	WoodColony	Nemaguard	3	38	1	4750.0	1.5	67.6	15.4	1158	12551	12551
Kern	WoodColony	Nemaguard	3	36	1	2161	1.366	59	6.5	559	559	559
Kern	WoodColony	Nemaguard	3	36	1	4874	1.23	57.1	13.2	1136	1695	1695

New RVT Summary

Kern	WoodColony	Nemaguard	3	36	1	749	1.09	57.9	18.0	1545	0
Kern	WoodColony	Nemaguard	3	36	1	541	1.00	52.1	11.9	1024	4264
Kern	WoodColony	Nemaguard	3	36	1	3518	1.14	49.6	8.8	760	5023
Kern	WoodColony	Nemaguard	3	36	1	7169	1.42	.	22.4	1923	6946
Kern	WoodColony	Nemaguard	3	36	1	8614	1.34	64.6	25.5	2193	9139
Kern	WoodColony	Nemaguard	3	36	1	16038	1.07	66.9	37.7	3245	12384
Kern	WoodColony	Nemaguard	3	36	1	13106	1.24	64.8	35.7	3068	15452
Kern	WoodColony	Nemaguard	3	36	1	10705.7	1.1	55.5	27.1	2328	17780
Chico	Winters	Lovell	3	12	2	2265	1.33	59.8	6.6	425	425
Chico	Winters	Lovell	3	12	2	14301	1.03	53.5	32.4	2076	2502
Chico	Winters	Lovell	3	12	2	4138	1.34	61.0	12.3	784	3286
Chico	Winters	Lovell	3	12	2	21094	0.92	51.1	42.7	2736	6021
Chico	Winters	Lovell	3	12	2	15116	1.15	.	38.2	2446	8468
Chico	Winters	Lovell	3	12	2	18880	1.01	53.4	41.8	2677	11145
Chico	Winters	Lovell	3	12	2	19982	0.88	45.2	38.7	2479	13624
Chico	Winters	Lovell	3	12	2	20561	1.15	53.0	52.1	3333	16957
Chico	Winters	Lovell	3	12	2	16637.5	1.0	53.5	37.9	2425	19382
Delta	Winters	Nemaguard	3	32	1	.	.	.	.	.	.
Delta	Winters	Nemaguard	3	32	1	10303	0.96	57.0	21.3	1591	1591
Delta	Winters	Nemaguard	3	32	1	995	1.17	63.0	2.6	192	1783
Delta	Winters	Nemaguard	3	32	1	12937	1.04	59.8	29.6	2223	4006
Delta	Winters	Nemaguard	3	32	1	1884	1.26	59.7	5.2	392	4398
Delta	Winters	Nemaguard	3	32	1	14643	1.10	65.8	35.6	2671	7068
Delta	Winters	Nemaguard	3	32	1	10137	1.15	59.9	25.6	1922	8991
Delta	Winters	Nemaguard	3	32	1	7492	1.17	57.9	19.3	1446	10436
Delta	Winters	Nemaguard	3	32	1	5996.0	1.3	72.4	17.0	1274	11710
Kern	Winters	Nemaguard	3	30	1	2483	1.274	61	7.0	599	599
Kern	Winters	Nemaguard	3	30	1	6211	1.04	51.6	14.2	1224	1823
Kern	Winters	Nemaguard	3	30	1	10640	1.03	53.5	24.1	2076	3899
Kern	Winters	Nemaguard	3	30	1	10034	1.13	65.1	25.0	2152	6050
Kern	Winters	Nemaguard	3	30	1	9634	0.90	57.7	19.1	1643	7693
Kern	Winters	Nemaguard	3	30	1	8868	1.23	60.0	24.1	2073	9766
Kern	Winters	Nemaguard	3	30	1	11626	1.12	58.8	28.8	2475	12241
Kern	Winters	Nemaguard	3	30	1	16538	0.89	63.6	32.4	2788	15029
Kern	Winters	Nemaguard	3	30	1	8590	1.18	64.3	22.4	1927	16956
Kern	Winters	Nemaguard	3	30	1	12694.0	1.0	59.2	27.1	2328	19283
Chico	Sonora	Lovell	3	14	3	4326	1.20	79.1	11.4	732	732
Chico	Sonora	Lovell	3	14	3	2222	1.58	69.6	7.7	494	1226
Chico	Sonora	Lovell	3	14	3	4958	1.65	72.5	18.0	1152	2378
Chico	Sonora	Lovell	3	14	3	7218	1.24	71.3	19.7	1262	3640
Chico	Sonora	Lovell	3	14	3	7760	1.38	.	23.6	1510	5149
Chico	Sonora	Lovell	3	14	3	5305	1.56	69.9	18.2	1165	6314
Chico	Sonora	Lovell	3	14	3	8172	1.30	69.1	23.4	1498	7812
Chico	Sonora	Lovell	3	14	3	7980	1.53	69.9	27.0	1726	9538
Chico	Sonora	Lovell	3	14	3	4931.3	1.4	71.1	14.9	952	10490
Delta	Sonora	Nemaguard	3	28	1	505	1.48	80.2	1.6	123	123
Delta	Sonora	Nemaguard	3	28	1	.	.	.	.	.	.
Delta	Sonora	Nemaguard	3	28	1	3917	1.49	78.6	12.9	965	1088
Delta	Sonora	Nemaguard	3	28	1	11749	1.24	79.5	32.1	2407	3495
Delta	Sonora	Nemaguard	3	28	1	4725	1.53	.	15.9	1194	4689

2004.04-TG-02.Gradziel.Summation for Trend Analysis of 1980s and 1990s Almond Regional Variety Trial Data

Delta	Sonora	Nemaguard	3	28	1	730	1.37	76.6	22.0	1651	1
Delta	Sonora	Nemaguard	3	28	1	641	1.42	76.9	20.2	1514	1054
Delta	Sonora	Nemaguard	3	28	1	5500	1.36	74.0	16.5	1234	9088
Delta	Sonora	Nemaguard	3	28	1	5668.9	1.5	75.9	18.4	1377	10465
Kern	Sonora	Nemaguard	3	26	1	1240	1.436	77	3.9	337	337
Kern	Sonora	Nemaguard	3	26	1	3537	1.26	70.3	9.8	843	1180
Kern	Sonora	Nemaguard	3	26	1	5628	1.23	72.2	15.3	1315	2496
Kern	Sonora	Nemaguard	3	26	1	4228	1.40	70.3	13.0	1120	3615
Kern	Sonora	Nemaguard	3	26	1	11046	1.06	69.7	25.8	2218	5833
Kern	Sonora	Nemaguard	3	26	1	12475	1.35	.	37.0	3181	9014
Kern	Sonora	Nemaguard	3	26	1	6707	1.43	76.4	21.2	1822	10836
Kern	Sonora	Nemaguard	3	26	1	19638	1.06	71.4	45.7	3928	14764
Kern	Sonora	Nemaguard	3	26	1	7549	1.44	73.2	23.9	2056	16820
Kern	Sonora	Nemaguard	3	26	1	4835.6	1.2	70.8	12.8	1099	17920
Chico	Savana	Lovell	3	17	1	3095	1.03	70.6	7.0	451	451
Chico	Savana	Lovell	3	17	1	6554	1.17	68.8	16.9	1079	1530
Chico	Savana	Lovell	3	17	1	4281	1.35	64.9	12.7	815	2345
Chico	Savana	Lovell	3	17	1	7177	0.98	62.0	15.5	992	3337
Chico	Savana	Lovell	3	17	1	6033	1.13	.	15.0	958	4294
Chico	Savana	Lovell	3	17	1	7813	1.00	62.3	17.3	1106	5400
Chico	Savana	Lovell	3	17	1	7541	1.10	51.8	18.3	1169	6569
Chico	Savana	Lovell	3	17	1	10951	1.11	59.5	26.8	1717	8286
Chico	Savana	Lovell	3	17	1	.	.	.	.		8286
Delta	Savana	Nemaguard	3	21	1	.	.	.	.
Delta	Savana	Nemaguard	3	21	1	.	.	.	.
Delta	Savana	Nemaguard	3	21	1	726	1.53	72.8	2.5	184	184
Delta	Savana	Nemaguard	3	21	1	3912	1.16	65.9	10.0	750	934
Delta	Savana	Nemaguard	3	21	1	470	1.40	.	1.5	109	1042
Delta	Savana	Nemaguard	3	21	1	2539	1.28	69.1	7.1	536	1579
Delta	Savana	Nemaguard	3	21	1	1061	1.40	70.6	3.3	245	1823
Delta	Savana	Nemaguard	3	21	1	5667	1.19	66.3	14.9	1116	2939
Delta	Savana	Nemaguard	3	21	1	.	.	.	.		2939
Kern	Savana	Nemaguard	3	19	1	1502	1.468	58	4.9	418	418
Kern	Savana	Nemaguard	3	19	1	3369	1.09	63.6	8.1	697	1115
Kern	Savana	Nemaguard	3	19	1	4943	1.08	62.1	11.7	1008	2122
Kern	Savana	Nemaguard	3	19	1	5783	1.16	68.6	14.8	1271	3393
Kern	Savana	Nemaguard	3	19	1	3266	1.06	61.6	7.6	656	4049
Kern	Savana	Nemaguard	3	19	1	5956	1.31	.	17.2	1480	5529
Kern	Savana	Nemaguard	3	19	1	8033	1.16	66.0	20.6	1771	7300
Kern	Savana	Nemaguard	3	19	1	7056	1.08	61.9	16.8	1449	8749
Kern	Savana	Nemaguard	3	19	1	9499	1.09	68.0	22.8	1961	10710
Kern	Savana	Nemaguard	3	19	1	5422.4	1.1	59.0	13.6	1173	11883
Chico	Sano	Lovell	3	19	2	1834	1.44	53.0	5.8	372	372
Chico	Sano	Lovell	3	19	2	5429	1.35	54.2	16.2	1036	1408
Chico	Sano	Lovell	3	19	2	5153	1.40	57.2	15.9	1020	2428
Chico	Sano	Lovell	3	19	2	8773	1.26	53.8	24.3	1558	3986
Chico	Sano	Lovell	3	19	2	11438	1.32	.	33.3	2128	6115
Chico	Sano	Lovell	3	19	2	8561	1.29	44.4	24.2	1552	7666
Chico	Sano	Lovell	3	19	2	10529	1.29	53.8	30.0	1918	9584
Chico	Sano	Lovell	3	19	2	7376	1.46	49.9	23.7	1514	11098

2004.04-TG-02.Gradziel.Summation for Trend Analysis of 1980s and 1990s Almond Regional Variety Trial Data

Chico	Sano	Lovell	3	19	2	950	1.3	50.8	27.8	1780	3
Delta	Sano	Nemaguard	3	12	1	5959	1.23	52.7	16.2	1213	1213
Delta	Sano	Nemaguard	3	12	1	4314	1.40	56.9	13.3	995	2208
Delta	Sano	Nemaguard	3	12	1	10232	1.36	56.7	30.7	2299	4506
Delta	Sano	Nemaguard	3	12	1	9601	1.39	.	29.4	2205	6711
Delta	Sano	Nemaguard	3	12	1	7448	1.43	49.7	23.5	1762	8473
Delta	Sano	Nemaguard	3	12	1	6677	1.44	57.0	21.2	1590	10064
Delta	Sano	Nemaguard	3	12	1	6675	1.37	54.4	20.1	1506	11570
Delta	Sano	Nemaguard	3	12	1	6482.3	1.4	61.5	20.1	1506	13075
Kern	Sano	Nemaguard	3	10	1	938	1.638	61	3.4	291	291
Kern	Sano	Nemaguard	3	10	1	4384	1.46	58.2	14.1	1209	1500
Kern	Sano	Nemaguard	3	10	1	4564	1.56	55.3	15.6	1345	2846
Kern	Sano	Nemaguard	3	10	1	6612	1.40	60.0	20.4	1754	4599
Kern	Sano	Nemaguard	3	10	1	11738	1.10	52.9	28.4	2446	7045
Kern	Sano	Nemaguard	3	10	1	13552	1.44	.	43.0	3702	10747
Kern	Sano	Nemaguard	3	10	1	10936	1.46	61.8	35.3	3033	13780
Kern	Sano	Nemaguard	3	10	1	3364	1.55	58.4	11.5	990	14770
Kern	Sano	Nemaguard	3	10	1	15192	1.38	61.4	46.3	3983	18753
Kern	Sano	Nemaguard	3	10	1	6844.5	1.4	54.2	20.9	1797	20550
Chico	Ruby	Lovell	3	3	3	2652	1.20	50.1	7.0	448	448
Chico	Ruby	Lovell	3	3	3	6645	1.29	54.4	18.9	1208	1656
Chico	Ruby	Lovell	3	3	3	7320	1.27	45.7	20.5	1315	2971
Chico	Ruby	Lovell	3	3	3	11971	1.08	47.8	28.5	1823	4794
Chico	Ruby	Lovell	3	3	3	10592	1.22	.	28.6	1828	6621
Chico	Ruby	Lovell	3	3	3	10557	1.13	49.3	26.2	1676	8297
Chico	Ruby	Lovell	3	3	3	12439	1.06	50.9	29.0	1859	10156
Chico	Ruby	Lovell	3	3	3	10990	1.29	53.2	31.3	2002	12157
Chico	Ruby	Lovell	3	3	3	10442.4	1.1	49.4	25.6	1640	13797
Delta	Ruby	Nemaguard	3	62	1	1897	1.34	56	5.6	419	419
Delta	Ruby	Nemaguard	3	62	1	6511	1.18	54.6	17.0	1274	1693
Delta	Ruby	Nemaguard	3	62	1	8205	1.39	60.0	25.2	1890	3583
Delta	Ruby	Nemaguard	3	62	1	9850	1.22	53.0	26.5	1985	5568
Delta	Ruby	Nemaguard	3	62	1	12213	1.25	.	33.6	2518	8086
Delta	Ruby	Nemaguard	3	62	1	7433	1.23	50.6	20.1	1505	9591
Delta	Ruby	Nemaguard	3	62	1	12067	1.22	60.6	32.4	2432	12023
Delta	Ruby	Nemaguard	3	62	1	12155	1.24	54.5	33.3	2494	14517
Delta	Ruby	Nemaguard	3	62	1	10132.1	1.3	61.1	28.1	2109	16626
Kern	Ruby	Nemaguard	3	60	1	2248	1.56	57	7.7	664	664
Kern	Ruby	Nemaguard	3	60	1	6488	1.14	49.2	16.3	1406	2070
Kern	Ruby	Nemaguard	3	60	1	11540	1.10	51.6	28.1	2413	4484
Kern	Ruby	Nemaguard	3	60	1	9654	1.19	56.5	25.3	2180	6663
Kern	Ruby	Nemaguard	3	60	1	13460	1.00	51.0	29.6	2550	9213
Kern	Ruby	Nemaguard	3	60	1	12501	1.34	.	36.8	3164	12377
Kern	Ruby	Nemaguard	3	60	1	14140	1.30	60.1	40.5	3482	15859
Kern	Ruby	Nemaguard	3	60	1	19423	1.12	58.0	47.8	4113	19972
Kern	Ruby	Nemaguard	3	60	1	17674	1.18	54.3	46.1	3964	23936
Kern	Ruby	Nemaguard	3	60	1	15202.1	1.0	48.3	35.1	3018	26954
Chico	Rosetta	Lovell	3	12	1	1296	1.36	41.1	3.9	248	248
Chico	Rosetta	Lovell	3	12	1	5582	1.32	51.4	16.2	1039	1287

Chico	Rosetta	Lovell	3	12	1	38	1.55	48.3	13.1	840	7
Chico	Rosetta	Lovell	3	12	1	806	1.26	48.8	22.2	1422	5049
Chico	Rosetta	Lovell	3	12	1	9024	1.36	.	27.0	1727	5276
Chico	Rosetta	Lovell	3	12	1	10967	1.32	46.9	31.9	2041	7317
Chico	Rosetta	Lovell	3	12	1	7783	1.32	46.6	22.7	1451	8768
Chico	Rosetta	Lovell	3	12	1	9468	1.51	47.9	31.5	2015	10783
Chico	Rosetta	Lovell	3	12	1	8564.9	1.3	48.3	25.0	1601	12384
Delta	Rosetta	Nemaguard	3	30	1	.	.	.	.	.	.
Delta	Rosetta	Nemaguard	3	30	1	7035	1.14	47.0	17.6	1323	1323
Delta	Rosetta	Nemaguard	3	30	1	2540	1.43	44.9	8.0	600	1923
Delta	Rosetta	Nemaguard	3	30	1	8001	1.32	51.2	23.3	1745	3667
Delta	Rosetta	Nemaguard	3	30	1	6569	1.37	.	19.8	1487	5154
Delta	Rosetta	Nemaguard	3	30	1	7036	1.39	50.3	21.5	1611	6765
Delta	Rosetta	Nemaguard	3	30	1	4508	1.45	50.8	14.4	1083	7848
Delta	Rosetta	Nemaguard	3	30	1	4825	1.39	45.6	14.7	1105	8953
Delta	Rosetta	Nemaguard	3	30	1	7662.3	1.3	53.6	22.6	1699	10651
Kern	Rosetta	Nemaguard	3	28	1	286	1.726	52	1.1	93	93
Kern	Rosetta	Nemaguard	3	28	1	1777	1.43	44.6	5.6	481	574
Kern	Rosetta	Nemaguard	3	28	1	10130	1.13	52.4	25.2	2164	2739
Kern	Rosetta	Nemaguard	3	28	1	3624	1.64	52.7	13.1	1123	3862
Kern	Rosetta	Nemaguard	3	28	1	11493	1.06	44.9	26.8	2308	6169
Kern	Rosetta	Nemaguard	3	28	1	6520	1.46	.	21.0	1808	7977
Kern	Rosetta	Nemaguard	3	28	1	7672	1.59	54.8	26.8	2308	10285
Kern	Rosetta	Nemaguard	3	28	1	15724	1.17	48.6	40.4	3473	13758
Kern	Rosetta	Nemaguard	3	28	1	11409	1.49	53.9	37.4	3216	16974
Kern	Rosetta	Nemaguard	3	28	1	13700.1	1.2	57.8	37.6	3234	20208
Chico	Price	Lovell	3	12	3	52	1.196	63	0.1	9	9
Chico	Price	Lovell	3	12	3	3884	0.98	72.6	8.4	538	547
Chico	Price	Lovell	3	12	3	5654	1.17	61.9	14.5	931	1478
Chico	Price	Lovell	3	12	3	6087	1.15	60.5	15.5	990	2468
Chico	Price	Lovell	3	12	3	8902	0.98	56.3	19.2	1230	3698
Chico	Price	Lovell	3	12	3	6039	1.25	.	16.7	1066	4763
Chico	Price	Lovell	3	12	3	10874	0.96	53.2	22.9	1469	6232
Chico	Price	Lovell	3	12	3	9366	0.94	49.9	19.4	1244	7476
Chico	Price	Lovell	3	12	3	10366	1.10	60.8	25.0	1602	9077
Chico	Price	Lovell	3	12	3	5927.1	0.9	56.5	11.6	745	9823
Delta	Price	Nemaguard	3	34	1	.	.	.	.	.	.
Delta	Price	Nemaguard	3	34	1	6324	0.91	64.8	12.6	947	947
Delta	Price	Nemaguard	3	34	1	3220	1.08	58.7	7.6	573	1520
Delta	Price	Nemaguard	3	34	1	10693	0.98	61.3	23.1	1731	3251
Delta	Price	Nemaguard	3	34	1	4585	1.23	.	12.4	932	4183
Delta	Price	Nemaguard	3	34	1	6164	1.06	62.3	14.3	1075	5258
Delta	Price	Nemaguard	3	34	1	8611	1.00	66.1	19.0	1422	6681
Delta	Price	Nemaguard	3	34	1	7019	1.14	68.6	17.7	1327	8007
Delta	Price	Nemaguard	3	34	1	8036.2	1.0	59.0	18.1	1354	9361
Kern	Price	Nemaguard	3	32	1	1235	1.27	70	3.5	297	297
Kern	Price	Nemaguard	3	32	1	3230	1.22	60.5	8.7	746	1044
Kern	Price	Nemaguard	3	32	1	5143	1.15	61.7	13.0	1118	2162
Kern	Price	Nemaguard	3	32	1	8741	1.07	67.4	20.6	1772	3934
Kern	Price	Nemaguard	3	32	1	6148	1.06	59.6	14.4	1235	5168

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Kern	Price	Nemaguard	3	32	1	144	1.09	.	34.8	2997	5
Kern	Price	Nemaguard	3	32	1	1213	1.22	65.1	32.8	2819	10984
Kern	Price	Nemaguard	3	32	1	23543	0.83	63.1	42.8	3684	14668
Kern	Price	Nemaguard	3	32	1	10296	1.17	66.2	26.5	2282	16950
Kern	Price	Nemaguard	3	32	1	15466.5	0.9	61.6	30.9	2660	19610
Chico	Plateau	Lovell	3	17	2	1748	1.46	47.7	5.6	360	360
Chico	Plateau	Lovell	3	17	2	6155	1.40	49.8	19.0	1215	1575
Chico	Plateau	Lovell	3	17	2	11390	1.47	50.6	37.0	2367	3941
Chico	Plateau	Lovell	3	17	2	11863	1.20	47.6	31.4	2007	5948
Chico	Plateau	Lovell	3	17	2	9277	1.49	.	30.4	1943	7891
Chico	Plateau	Lovell	3	17	2	12010	1.28	45.8	33.8	2160	10052
Chico	Plateau	Lovell	3	17	2	14195	1.18	46.9	36.9	2361	12413
Chico	Plateau	Lovell	3	17	2	7428	1.60	57.0	26.2	1675	14088
Chico	Plateau	Lovell	3	17	2	.	.	.	.		14088
Delta	Plateau	Nemaguard	3	16	1	.	.	.	.
Delta	Plateau	Nemaguard	3	16	1	5858	1.24	50.7	16.0	1198	1198
Delta	Plateau	Nemaguard	3	16	1	9851	1.41	51.3	30.7	2301	3499
Delta	Plateau	Nemaguard	3	16	1	10135	1.50	50.7	33.5	2511	6010
Delta	Plateau	Nemaguard	3	16	1	7879	1.51	.	26.2	1968	7978
Delta	Plateau	Nemaguard	3	16	1	9613	1.39	51.3	29.3	2201	10179
Delta	Plateau	Nemaguard	3	16	1	12192	1.30	59.8	35.0	2626	12806
Delta	Plateau	Nemaguard	3	16	1	9686	1.32	53.0	28.1	2106	14912
Delta	Plateau	Nemaguard	3	16	1	12857.6	1.3	55.4	36.6	2749	17660
Kern	Plateau	Nemaguard	3	14	1	863	1.728	51	3.3	282	282
Kern	Plateau	Nemaguard	3	14	1	5509	1.28	45.1	15.6	1340	1623
Kern	Plateau	Nemaguard	3	14	1	11452	1.16	56.5	29.4	2525	4148
Kern	Plateau	Nemaguard	3	14	1	8652	1.48	53.3	28.1	2419	6566
Kern	Plateau	Nemaguard	3	14	1	10553	1.12	48.7	26.0	2239	8805
Kern	Plateau	Nemaguard	3	14	1	10627	1.59	.	37.2	3197	12002
Kern	Plateau	Nemaguard	3	14	1	13504	1.43	59.8	42.5	3653	15655
Kern	Plateau	Nemaguard	3	14	1	12953	1.15	51.2	32.9	2827	18482
Kern	Plateau	Nemaguard	3	14	1	11590	1.36	54.0	34.6	2977	21458
Kern	Plateau	Nemaguard	3	14	1	10173.1	1.2	46.8	26.3	2262	23721
Chico	Padre	Lovell	3	5	3	3631	1.06	52.9	8.4	541	541
Chico	Padre	Lovell	3	5	3	6473	1.11	54.0	15.8	1013	1553
Chico	Padre	Lovell	3	5	3	4911	1.20	49.7	13.0	832	2385
Chico	Padre	Lovell	3	5	3	9297	0.96	51.1	19.7	1258	3644
Chico	Padre	Lovell	3	5	3	9751	1.02	.	21.9	1402	5046
Chico	Padre	Lovell	3	5	3	13326	0.98	52.7	28.6	1833	6879
Chico	Padre	Lovell	3	5	3	16212	0.84	49.8	30.1	1929	8808
Chico	Padre	Lovell	3	5	3	9682	1.07	52.4	22.9	1466	10274
Chico	Padre	Lovell	3	5	3	.	.	.	.		10274
Delta	Padre	Nemaguard	3	56	1	1054	1.27	54	2.9	221	221
Delta	Padre	Nemaguard	3	56	1	3262	1.07	57.1	7.7	579	800
Delta	Padre	Nemaguard	3	56	1	6995	1.30	54.2	20.0	1502	2302
Delta	Padre	Nemaguard	3	56	1	7372	1.10	55.0	17.9	1340	3642
Delta	Padre	Nemaguard	3	56	1	14705	1.15	.	37.1	2784	6426
Delta	Padre	Nemaguard	3	56	1	11351	1.13	54.8	28.3	2123	8549
Delta	Padre	Nemaguard	3	56	1	16945	1.07	59.1	39.9	2995	11544
Delta	Padre	Nemaguard	3	56	1	12947	1.11	58.2	31.7	2374	13918

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Delta	Padre	Nemaguard	3	56	1	1473	1.0	56.3	31.2	2337	4
Kern	Padre	Nemaguard	3	54	1	473	1.51	59	1.6	137	137
Kern	Padre	Nemaguard	3	54	1	3113	1.13	59.3	7.8	668	804
Kern	Padre	Nemaguard	3	54	1	7864	1.09	60.1	18.9	1624	2428
Kern	Padre	Nemaguard	3	54	1	9051	1.10	55.2	21.9	1883	4311
Kern	Padre	Nemaguard	3	54	1	14830	0.86	51.8	28.1	2416	6727
Kern	Padre	Nemaguard	3	54	1	13180	1.14	.	33.0	2841	9568
Kern	Padre	Nemaguard	3	54	1	19736	1.09	55.3	47.3	4068	13635
Kern	Padre	Nemaguard	3	54	1	29495	0.82	56.5	53.0	4559	18194
Kern	Padre	Nemaguard	3	54	1	21029	1.02	57.5	47.4	4079	22274
Kern	Padre	Nemaguard	3	54	1	29187.1	0.8	57.6	51.6	4434	26708
Chico	NonpareilS	Lovell	1	11	3	3303	1.25	62.6	9.1	582	582
Chico	NonpareilS	Lovell	1	11	3	8684	1.25	65.6	24.0	1535	2117
Chico	NonpareilS	Lovell	1	11	3	5825	1.41	75.5	18.1	1158	3275
Chico	NonpareilS	Lovell	1	11	3	9810	1.16	62.4	25.1	1604	4879
Chico	NonpareilS	Lovell	1	11	3	6695	1.47	.	21.6	1386	6265
Chico	NonpareilS	Lovell	1	11	3	9846	1.23	62.9	26.6	1702	7966
Chico	NonpareilS	Lovell	1	11	3	16857	1.16	64.6	42.9	2747	10713
Chico	NonpareilS	Lovell	1	11	3	8995	1.47	64.2	29.0	1859	12572
Chico	NonpareilS	Lovell	1	11	3	11295.7	1.1	59.5	26.5	1697	14270
Delta	NonpareilS	Nemaguard	1	39	1	617	1.31	64.2	1.8	133	133
Delta	NonpareilS	Nemaguard	1	39	1	5749	1.04	69.5	13.1	984	1117
Delta	NonpareilS	Nemaguard	1	39	1	3644	1.35	65.1	10.8	810	1927
Delta	NonpareilS	Nemaguard	1	39	1	10420	1.14	71.3	26.2	1962	3890
Delta	NonpareilS	Nemaguard	1	39	1	4235	1.37	.	12.8	957	4847
Delta	NonpareilS	Nemaguard	1	39	1	6690	1.27	62.9	18.7	1404	6251
Delta	NonpareilS	Nemaguard	1	39	1	8614	1.32	71.8	25.0	1873	8123
Delta	NonpareilS	Nemaguard	1	39	1	8410	1.29	71.6	23.9	1795	9918
Delta	NonpareilS	Nemaguard	1	39	1	4987.3	1.3	68.5	14.7	1102	11021
Kern	NonpareilS	Nemaguard	1	37	1	788	1.436	73	2.5	214	214
Kern	NonpareilS	Nemaguard	1	37	1	2288	1.25	63.3	6.3	399	614
Kern	NonpareilS	Nemaguard	1	37	1	10490	1.17	71.7	27.1	2333	2946
Kern	NonpareilS	Nemaguard	1	37	1	6247	1.45	70.5	20.0	1716	4662
Kern	NonpareilS	Nemaguard	1	37	1	.	.	.	.	.	4662
Kern	NonpareilS	Nemaguard	1	37	1	5179	1.58	.	18.0	.	4662
Kern	NonpareilS	Nemaguard	1	37	1	12129	1.41	70.3	37.6	3230	7892
Kern	NonpareilS	Nemaguard	1	37	1	22523	1.04	66.8	51.6	4437	12329
Kern	NonpareilS	Nemaguard	1	37	1	8172	1.54	72.5	27.8	2387	14716
Kern	NonpareilS	Nemaguard	1	37	1	13800.0	1.0	68.3	31.9	2740	17456
Chico	NonpareilF	Lovell	1	9	3	3754	1.19	57.7	9.9	632	632
Chico	NonpareilF	Lovell	1	9	3	9411	1.23	67.1	25.5	1632	2264
Chico	NonpareilF	Lovell	1	9	3	7325	1.39	64.5	22.4	1431	3695
Chico	NonpareilF	Lovell	1	9	3	11938	1.12	64.4	29.4	1885	5580
Chico	NonpareilF	Lovell	1	9	3	9030	1.33	.	26.5	1693	7273
Chico	NonpareilF	Lovell	1	9	3	11266	1.22	63.7	30.2	1934	9207
Chico	NonpareilF	Lovell	1	9	3	16035	1.16	67.5	40.9	2618	11825
Chico	NonpareilF	Lovell	1	9	3	10048	1.38	68.9	30.6	1960	13785
Chico	NonpareilF	Lovell	1	9	3	13103.4	1.1	65.9	32.5	2080	15865
Delta	NonpareilF	Nemaguard	1	47	1	.	.	.	.	.	.
Delta	NonpareilF	Nemaguard	1	47	1	5386	1.12	66.4	13.3	1000	1000

Delta	NonpareilF	Nemaguard	1	47	1	520	1.33	68.2	15.3	1147	7
Delta	NonpareilF	Nemaguard	1	47	1	1345	1.10	64.0	32.7	2453	4000
Delta	NonpareilF	Nemaguard	1	47	1	6139	1.37	.	18.6	1393	5993
Delta	NonpareilF	Nemaguard	1	47	1	5555	1.24	65.5	15.2	1138	7131
Delta	NonpareilF	Nemaguard	1	47	1	11093	1.27	65.7	31.0	2327	9458
Delta	NonpareilF	Nemaguard	1	47	1	11645	1.25	70.5	32.1	2405	11863
Delta	NonpareilF	Nemaguard	1	47	1	6107.8	1.4	71.4	18.6	1394	13258
Chico	NonpareilD	Lovell	1	13	3	4092	1.19	63.3	10.7	688	688
Chico	NonpareilD	Lovell	1	13	3	9422	1.20	62.8	24.9	1594	2281
Chico	NonpareilD	Lovell	1	13	3	7601	1.38	65.2	23.0	1474	3756
Chico	NonpareilD	Lovell	1	13	3	12706	1.12	60.2	31.3	2006	5762
Chico	NonpareilD	Lovell	1	13	3	10512	1.41	.	32.7	2095	7857
Chico	NonpareilD	Lovell	1	13	3	10298	1.22	65.0	27.6	1768	9625
Chico	NonpareilD	Lovell	1	13	3	17857	1.10	63.7	43.1	2759	12384
Chico	NonpareilD	Lovell	1	13	3	10175	1.42	62.1	31.8	2034	14418
Chico	NonpareilD	Lovell	1	13	3	13110.6	1.1	63.2	31.6	2022	16440
Kern	NonpareilD	Nemaguard	1	33	1	1463	1.314	71	4.2	364	364
Kern	NonpareilD	Nemaguard	1	33	1	4847	1.19	61.9	12.7	789	1154
Kern	NonpareilD	Nemaguard	1	33	1	11435	1.09	65.2	27.5	2365	3519
Kern	NonpareilD	Nemaguard	1	33	1	8744	1.28	66.9	24.6	2113	5632
Kern	NonpareilD	Nemaguard	1	33	1	11936	1.02	61.4	26.8	2306	7939
Kern	NonpareilD	Nemaguard	1	33	1	8339	1.50	.	27.5	7939	7939
Kern	NonpareilD	Nemaguard	1	33	1	13619	1.31	69.5	39.2	3369	11308
Kern	NonpareilD	Nemaguard	1	33	1	17705	1.06	71.2	41.3	3555	14863
Kern	NonpareilD	Nemaguard	1	33	1	9819	1.28	64.1	27.6	2373	17236
Kern	NonpareilD	Nemaguard	1	33	1	14419.0	1.1	66.0	35.2	3026	20263
Delta	NonpareilB	Nemaguard	1	7	1	491	1.43	66.9	1.5	116	116
Delta	NonpareilB	Nemaguard	1	7	1	10943	1.00	68.3	24.2	1811	1927
Delta	NonpareilB	Nemaguard	1	7	1	5440	1.36	64.3	16.2	1219	3146
Delta	NonpareilB	Nemaguard	1	7	1	13475	1.18	74.7	35.0	2627	5773
Delta	NonpareilB	Nemaguard	1	7	1	6810	1.43	.	21.4	1604	7377
Delta	NonpareilB	Nemaguard	1	7	1	10813	1.31	71.3	31.1	2333	9710
Delta	NonpareilB	Nemaguard	1	7	1	12118	1.36	70.9	36.4	2727	12436
Delta	NonpareilB	Nemaguard	1	7	1	12122	1.38	67.6	36.7	2756	15192
Delta	NonpareilB	Nemaguard	1	7	1	6652.8	1.4	68.1	20.1	1506	16698
Chico	Nonpareil#6	Lovell	1	20	1	2224	1.17	60.0	5.7	367	367
Chico	Nonpareil#6	Lovell	1	20	2	2184	1.24	63.8	5.9	380	380
Chico	Nonpareil#6	Lovell	1	20	3	2295	1.23	58.9	6.2	399	399
Chico	Nonpareil#6	Lovell	1	15	3	3014	1.16	56.1	7.7	491	491
Chico	Nonpareil#6	Lovell	1	15	2	2986	1.21	62.3	7.9	509	509
Chico	Nonpareil#6	Lovell	1	7	2	3594	1.08	58.7	8.6	547	547
Chico	Nonpareil#6	Lovell	1	11	2	3634	1.13	58.1	9.0	578	578
Chico	Nonpareil#6	Lovell	1	7	1	3690	1.12	60.3	9.1	585	585
Chico	Nonpareil#6	Lovell	1	11	1	3788	1.14	60.7	9.5	611	611
Chico	Nonpareil#6	Lovell	1	15	1	3376	1.29	69.3	9.6	613	613
Chico	Nonpareil#6	Lovell	1	7	3	3881	1.13	60.7	9.7	618	618
Chico	Nonpareil#6	Lovell	1	20	3	6436	1.15	64.6	16.3	1042	1440
Chico	Nonpareil#6	Lovell	1	20	1	7218	1.15	66.9	18.3	1170	1537
Chico	Nonpareil#6	Lovell	1	20	2	7403	1.13	63.9	18.4	1177	1558
Chico	Nonpareil#6	Lovell	1	15	3	7778	1.18	65.6	20.1	1289	1780

Chico	Nonpareil#6	Lovell	1	15	2	850	1.21	64.3	22.9	1464	2
Chico	Nonpareil#6	Lovell	1	15	1	818	1.20	65.7	21.6	1380	1993
Chico	Nonpareil#6	Lovell	1	7	2	8774	1.19	62.8	23.1	1477	2024
Chico	Nonpareil#6	Lovell	1	11	2	9049	1.17	69.0	23.3	1490	2068
Chico	Nonpareil#6	Lovell	1	7	3	9040	1.16	63.0	23.1	1478	2096
Chico	Nonpareil#6	Lovell	1	7	1	9374	1.18	63.6	24.3	1557	2141
Chico	Nonpareil#6	Lovell	1	11	1	9619	1.17	63.7	24.7	1581	2192
Chico	Nonpareil#6	Lovell	1	20	3	5174	1.32	67.0	15.0	963	2403
Chico	Nonpareil#6	Lovell	1	20	1	5233	1.34	67.1	15.4	987	2524
Chico	Nonpareil#6	Lovell	1	20	2	5910	1.36	69.1	17.7	1131	2689
Chico	Nonpareil#6	Lovell	1	7	2	4823	1.34	69.1	14.2	911	2935
Chico	Nonpareil#6	Lovell	1	15	3	6758	1.33	68.0	19.8	1269	3049
Chico	Nonpareil#6	Lovell	1	15	1	5975	1.35	74.2	17.8	1137	3130
Chico	Nonpareil#6	Lovell	1	11	2	5902	1.34	73.0	17.4	1112	3179
Chico	Nonpareil#6	Lovell	1	7	3	5972	1.33	62.9	17.5	1123	3220
Chico	Nonpareil#6	Lovell	1	7	1	5993	1.30	65.9	17.2	1102	3243
Chico	Nonpareil#6	Lovell	1	15	2	6767	1.34	69.1	20.0	1278	3251
Chico	Nonpareil#6	Lovell	1	11	1	6201	1.30	65.4	17.8	1136	3328
Chico	Nonpareil#6	Lovell	1	20	3	8352	1.06	60.9	19.5	1248	3651
Chico	Nonpareil#6	Lovell	1	20	1	11756	1.08	62.1	28.0	1790	4314
Chico	Nonpareil#6	Lovell	1	20	2	11582	1.06	59.6	27.0	1731	4420
Chico	Nonpareil#6	Lovell	1	7	2	11530	1.12	63.6	28.4	1820	4755
Chico	Nonpareil#6	Lovell	1	15	1	11395	1.04	58.4	26.1	1671	4800
Chico	Nonpareil#6	Lovell	1	15	3	12486	1.10	64.7	30.3	1936	4985
Chico	Nonpareil#6	Lovell	1	7	1	11993	1.06	63.9	28.0	1792	5035
Chico	Nonpareil#6	Lovell	1	7	3	12485	1.06	63.9	29.2	1866	5085
Chico	Nonpareil#6	Lovell	1	11	2	14442	1.06	60.9	33.7	2158	5337
Chico	Nonpareil#6	Lovell	1	11	1	14077	1.06	63.9	32.9	2103	5432
Chico	Nonpareil#6	Lovell	1	15	2	14489	1.10	59.1	35.1	2247	5497
Chico	Nonpareil#6	Lovell	1	20	3	5633	1.44	.	17.8	1140	4791
Chico	Nonpareil#6	Lovell	1	20	1	5708	1.42	.	17.9	1146	5460
Chico	Nonpareil#6	Lovell	1	20	2	6455	1.41	.	20.1	1287	5706
Chico	Nonpareil#6	Lovell	1	15	1	7274	1.30	.	20.8	1333	6133
Chico	Nonpareil#6	Lovell	1	15	3	7860	1.32	.	22.9	1467	6453
Chico	Nonpareil#6	Lovell	1	7	2	10686	1.37	.	32.2	2061	6816
Chico	Nonpareil#6	Lovell	1	7	3	9589	1.29	65.5	27.2	1744	6829
Chico	Nonpareil#6	Lovell	1	7	1	10327	1.29	.	29.3	1872	6907
Chico	Nonpareil#6	Lovell	1	11	1	9581	1.31	.	27.7	1772	7204
Chico	Nonpareil#6	Lovell	1	15	2	9918	1.32	.	28.9	1851	7348
Chico	Nonpareil#6	Lovell	1	11	2	13048	1.33	.	38.2	2443	7780
Chico	Nonpareil#6	Lovell	1	20	3	9816	1.15	66.0	24.9	1591	6382
Chico	Nonpareil#6	Lovell	1	20	1	8325	1.14	62.9	20.9	1340	6800
Chico	Nonpareil#6	Lovell	1	20	2	10051	1.14	65.4	25.2	1612	7319
Chico	Nonpareil#6	Lovell	1	15	3	6839	1.15	61.7	17.4	1111	7563
Chico	Nonpareil#6	Lovell	1	15	1	11498	1.19	62.9	30.1	1929	8062
Chico	Nonpareil#6	Lovell	1	7	2	12296	1.19	68.7	32.3	2066	8882
Chico	Nonpareil#6	Lovell	1	7	3	13749	1.10	60.5	33.4	2136	8965
Chico	Nonpareil#6	Lovell	1	7	1	13459	1.14	68.4	33.8	2163	9070
Chico	Nonpareil#6	Lovell	1	11	1	11230	1.18	66.5	29.2	1868	9072
Chico	Nonpareil#6	Lovell	1	15	2	11032	1.17	61.8	28.3	1813	9162

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Chico	Nonpareil#6	Lovell	1	11	2	124	1.15	61.9	30.9	1975	5
Chico	Nonpareil#6	Lovell	1	20	3	164	1.13	68.2	40.9	2615	3997
Chico	Nonpareil#6	Lovell	1	20	1	16226	1.09	71.1	39.1	2502	9302
Chico	Nonpareil#6	Lovell	1	20	2	13240	1.08	62.7	31.6	2023	9342
Chico	Nonpareil#6	Lovell	1	15	3	16088	1.10	68.3	39.1	2504	10067
Chico	Nonpareil#6	Lovell	1	15	1	16569	0.98	62.6	35.8	2289	10351
Chico	Nonpareil#6	Lovell	1	7	2	15189	1.09	66.3	36.5	2334	11216
Chico	Nonpareil#6	Lovell	1	11	1	16334	1.14	65.1	40.9	2620	11692
Chico	Nonpareil#6	Lovell	1	15	2	16195	1.14	66.5	40.5	2593	11755
Chico	Nonpareil#6	Lovell	1	7	3	18960	1.16	65.8	48.4	3100	12065
Chico	Nonpareil#6	Lovell	1	7	1	20521	1.16	69.0	52.4	3356	12426
Chico	Nonpareil#6	Lovell	1	11	2	18155	1.08	64.4	43.0	2754	12508
Chico	Nonpareil#6	Lovell	1	20	3	10876	1.36	62.3	32.5	2079	11076
Chico	Nonpareil#6	Lovell	1	20	1	9474	1.36	69.9	28.5	1822	11124
Chico	Nonpareil#6	Lovell	1	20	2	10479	1.31	63.3	30.2	1932	11274
Chico	Nonpareil#6	Lovell	1	15	3	9777	1.40	62.8	30.1	1929	11996
Chico	Nonpareil#6	Lovell	1	15	1	11539	1.37	63.4	34.8	2225	12577
Chico	Nonpareil#6	Lovell	1	7	2	9875	1.42	63.3	30.8	1971	13187
Chico	Nonpareil#6	Lovell	1	15	2	9944	1.29	64.6	28.3	1808	13564
Chico	Nonpareil#6	Lovell	1	11	1	10550	1.42	66.4	33.0	2115	13807
Chico	Nonpareil#6	Lovell	1	11	2	8327	1.35	57.3	24.8	1585	14093
Chico	Nonpareil#6	Lovell	1	7	3	11164	1.37	64.5	33.6	2153	14218
Chico	Nonpareil#6	Lovell	1	7	1	10313	1.42	65.4	32.2	2059	14485
Chico	Nonpareil#6	Lovell	1	15	3	.	.	.	.		11996
Chico	Nonpareil#6	Lovell	1	15	1	.	.	.	.		12577
Chico	Nonpareil#6	Lovell	1	20	2	10516.3	1.1	64.2	24.4	1563	12837
Chico	Nonpareil#6	Lovell	1	20	3	11406.2	1.1	64.2	28.1	1801	12877
Chico	Nonpareil#6	Lovell	1	20	1	11635.0	1.1	56.8	28.3	1811	12935
Chico	Nonpareil#6	Lovell	1	15	2	.	.	.	.		13564
Chico	Nonpareil#6	Lovell	1	11	1	.	.	.	.		13807
Chico	Nonpareil#6	Lovell	1	7	3	.	.	.	.		14218
Chico	Nonpareil#6	Lovell	1	7	1	.	.	.	.		14485
Chico	Nonpareil#6	Lovell	1	7	2	11109.6	1.0	57.2	25.4	1622	14810
Chico	Nonpareil#6	Lovell	1	11	2	13397.7	1.1	58.9	31.3	2002	16095
Delta	Nonpareil#6	Nemaguard	1	3	1	.	.	.	.	.	.
Delta	Nonpareil#6	Nemaguard	1	9	1	.	.	.	.	.	.
Delta	Nonpareil#6	Nemaguard	1	13	1	.	.	.	.	.	.
Delta	Nonpareil#6	Nemaguard	1	23	1	.	.	.	.	.	.
Delta	Nonpareil#6	Nemaguard	1	27	1	.	.	.	.	.	.
Delta	Nonpareil#6	Nemaguard	1	31	1	.	.	.	.	.	.
Delta	Nonpareil#6	Nemaguard	1	37	1	.	.	.	.	.	.
Delta	Nonpareil#6	Nemaguard	1	43	1	.	.	.	.	.	.
Delta	Nonpareil#6	Nemaguard	1	49	1	512	1.19	64.3	1.3	101	101
Delta	Nonpareil#6	Nemaguard	1	23	1	4515	1.09	67.5	10.9	816	816
Delta	Nonpareil#6	Nemaguard	1	49	1	3953	1.10	69.2	9.6	720	821
Delta	Nonpareil#6	Nemaguard	1	27	1	4833	1.12	71.3	12.0	897	897
Delta	Nonpareil#6	Nemaguard	1	31	1	6433	0.97	70.4	13.8	1035	1035
Delta	Nonpareil#6	Nemaguard	1	13	1	7078	0.99	62.9	15.5	1160	1160
Delta	Nonpareil#6	Nemaguard	1	37	1	7173	1.02	68.3	16.2	1213	1213
Delta	Nonpareil#6	Nemaguard	1	9	1	7271	1.04	72.9	16.6	1244	1244

Delta	Nonpareil#6	Nemaguard	1	43	1	72.	1.08	72.7	17.2	1293	3
Delta	Nonpareil#6	Nemaguard	1	3	1	795.	1.05	68.9	18.4	1377	1377
Delta	Nonpareil#6	Nemaguard	1	23	1	2920	1.31	68.7	8.4	632	1448
Delta	Nonpareil#6	Nemaguard	1	27	1	3453	1.32	71.0	10.1	755	1653
Delta	Nonpareil#6	Nemaguard	1	49	1	4498	1.26	62.1	12.5	938	1758
Delta	Nonpareil#6	Nemaguard	1	31	1	3790	1.27	63.7	10.6	795	1830
Delta	Nonpareil#6	Nemaguard	1	37	1	4023	1.28	62.6	11.3	851	2064
Delta	Nonpareil#6	Nemaguard	1	9	1	4531	1.29	67.8	12.8	963	2207
Delta	Nonpareil#6	Nemaguard	1	43	1	5220	1.33	66.8	15.2	1143	2436
Delta	Nonpareil#6	Nemaguard	1	3	1	5144	1.26	60.8	14.3	1074	2451
Delta	Nonpareil#6	Nemaguard	1	13	1	6230	1.26	66.9	17.3	1301	2461
Delta	Nonpareil#6	Nemaguard	1	23	1	11980	1.06	68.8	28.0	2098	3546
Delta	Nonpareil#6	Nemaguard	1	31	1	10668	1.10	72.4	25.8	1939	3769
Delta	Nonpareil#6	Nemaguard	1	27	1	12119	1.16	70.7	31.0	2322	3975
Delta	Nonpareil#6	Nemaguard	1	49	1	12245	1.16	67.4	31.3	2346	4105
Delta	Nonpareil#6	Nemaguard	1	37	1	12057	1.10	66.3	29.2	2191	4255
Delta	Nonpareil#6	Nemaguard	1	9	1	11234	1.18	71.1	29.2	2190	4397
Delta	Nonpareil#6	Nemaguard	1	43	1	12969	1.06	70.7	30.3	2271	4707
Delta	Nonpareil#6	Nemaguard	1	13	1	13414	1.16	69.0	34.3	2570	5031
Delta	Nonpareil#6	Nemaguard	1	3	1	13497	1.16	67.4	34.5	2586	5038
Delta	Nonpareil#6	Nemaguard	1	23	1	4420	1.44	.	14.0	1052	4597
Delta	Nonpareil#6	Nemaguard	1	31	1	4251	1.36	.	12.7	954	4722
Delta	Nonpareil#6	Nemaguard	1	27	1	3687	1.43	.	11.6	869	4843
Delta	Nonpareil#6	Nemaguard	1	37	1	4282	1.28	.	12.1	907	5162
Delta	Nonpareil#6	Nemaguard	1	49	1	5944	1.32	.	17.3	1296	5401
Delta	Nonpareil#6	Nemaguard	1	9	1	6915	1.43	.	21.8	1634	6030
Delta	Nonpareil#6	Nemaguard	1	43	1	6478	1.34	.	19.1	1434	6141
Delta	Nonpareil#6	Nemaguard	1	3	1	6302	1.52	.	21.1	1582	6620
Delta	Nonpareil#6	Nemaguard	1	13	1	8588	1.35	.	25.6	1921	6952
Delta	Nonpareil#6	Nemaguard	1	31	1	7753	1.14	63.3	19.5	1460	6182
Delta	Nonpareil#6	Nemaguard	1	37	1	6689	1.21	64.1	17.9	1339	6501
Delta	Nonpareil#6	Nemaguard	1	23	1	10679	1.22	67.0	28.7	2156	6753
Delta	Nonpareil#6	Nemaguard	1	27	1	9889	1.21	64.4	26.3	1973	6817
Delta	Nonpareil#6	Nemaguard	1	49	1	8306	1.17	71.0	21.4	1603	7003
Delta	Nonpareil#6	Nemaguard	1	43	1	8301	1.26	67.1	23.1	1731	7872
Delta	Nonpareil#6	Nemaguard	1	9	1	11418	1.29	69.5	32.3	2426	8456
Delta	Nonpareil#6	Nemaguard	1	3	1	9957	1.28	68.6	28.0	2102	8722
Delta	Nonpareil#6	Nemaguard	1	13	1	8318	1.33	72.0	24.3	1825	8777
Delta	Nonpareil#6	Nemaguard	1	31	1	6772	1.34	74.4	20.0	1499	7681
Delta	Nonpareil#6	Nemaguard	1	23	1	5134	1.47	69.9	16.6	1247	8000
Delta	Nonpareil#6	Nemaguard	1	37	1	6983	1.31	67.7	20.2	1513	8014
Delta	Nonpareil#6	Nemaguard	1	27	1	6885	1.32	69.8	20.0	1497	8314
Delta	Nonpareil#6	Nemaguard	1	49	1	8550	1.26	67.9	23.8	1785	8789
Delta	Nonpareil#6	Nemaguard	1	43	1	12112	1.24	65.9	33.2	2489	10361
Delta	Nonpareil#6	Nemaguard	1	3	1	9978	1.33	72.7	29.1	2186	10908
Delta	Nonpareil#6	Nemaguard	1	9	1	11860	1.32	70.3	34.5	2590	11046
Delta	Nonpareil#6	Nemaguard	1	13	1	11350	1.31	73.9	32.8	2464	11241
Delta	Nonpareil#6	Nemaguard	1	31	1	8313	1.19	64.2	21.8	1637	9318
Delta	Nonpareil#6	Nemaguard	1	23	1	6995	1.30	62.1	20.1	1504	9504
Delta	Nonpareil#6	Nemaguard	1	27	1	6421	1.33	65.3	18.8	1413	9727

Delta	Nonpareil#6	Nemaguard	1	37	1	900	1.18	64.6	23.5	1761	6
Delta	Nonpareil#6	Nemaguard	1	49	1	843	1.27	67.1	23.8	1785	13574
Delta	Nonpareil#6	Nemaguard	1	43	1	10030	1.29	68.1	28.5	2141	12502
Delta	Nonpareil#6	Nemaguard	1	9	1	12575	1.21	70.3	33.6	2522	13568
Delta	Nonpareil#6	Nemaguard	1	13	1	11652	1.23	69.5	31.6	2372	13612
Delta	Nonpareil#6	Nemaguard	1	3	1	14809	1.21	69.8	39.3	2950	13858
Delta	Nonpareil#6	Nemaguard	1	31	1	5320.0	1.3	66.1	15.1	1135	10454
Delta	Nonpareil#6	Nemaguard	1	37	1	5093.0	1.2	63.7	13.8	1038	10814
Delta	Nonpareil#6	Nemaguard	1	23	1	6916.1	1.3	70.7	19.4	1458	10962
Delta	Nonpareil#6	Nemaguard	1	27	1	5675.3	1.4	66.3	17.1	1281	11007
Delta	Nonpareil#6	Nemaguard	1	49	1	6844.4	1.2	66.8	18.6	1393	11967
Delta	Nonpareil#6	Nemaguard	1	43	1	8037.1	1.4	71.5	24.8	1859	14360
Delta	Nonpareil#6	Nemaguard	1	13	1	7364.9	1.3	68.9	21.3	1594	15206
Delta	Nonpareil#6	Nemaguard	1	9	1	7236.0	1.4	71.0	21.9	1645	15213
Delta	Nonpareil#6	Nemaguard	1	3	1	7588.2	1.2	64.0	20.1	1504	15363
Kern	Nonpareil#6	Nemaguard	1	41	1	877	1.284	70	2.5	213	213
Kern	Nonpareil#6	Nemaguard	1	21	1	901	1.27	70	2.5	217	217
Kern	Nonpareil#6	Nemaguard	1	25	1	1027	1.36	71	3.1	264	264
Kern	Nonpareil#6	Nemaguard	1	47	1	1111	1.27	71	3.1	267	267
Kern	Nonpareil#6	Nemaguard	1	11	1	1056	1.344	70	3.1	269	269
Kern	Nonpareil#6	Nemaguard	1	7	1	1102	1.348	73	3.3	281	281
Kern	Nonpareil#6	Nemaguard	1	35	1	1167	1.278	69	3.3	282	282
Kern	Nonpareil#6	Nemaguard	1	29	1	1197	1.29	65	3.4	293	293
Kern	Nonpareil#6	Nemaguard	1	3	1	1159	1.354	71	3.5	297	297
Kern	Nonpareil#6	Nemaguard	1	41	1	2267	1.22	62.4	6.1	379	593
Kern	Nonpareil#6	Nemaguard	1	47	1	2526	1.21	61.1	6.7	410	677
Kern	Nonpareil#6	Nemaguard	1	21	1	2970	1.24	59.3	8.1	479	696
Kern	Nonpareil#6	Nemaguard	1	25	1	3003	1.22	64.9	8.1	523	787
Kern	Nonpareil#6	Nemaguard	1	35	1	3348	1.20	61.3	8.9	543	825
Kern	Nonpareil#6	Nemaguard	1	7	1	3333	1.18	64.7	8.6	559	840
Kern	Nonpareil#6	Nemaguard	1	29	1	3916	1.20	60.6	10.4	628	921
Kern	Nonpareil#6	Nemaguard	1	11	1	4104	1.19	61.0	10.7	656	924
Kern	Nonpareil#6	Nemaguard	1	3	1	3815	1.23	62.4	10.3	642	940
Kern	Nonpareil#6	Nemaguard	1	47	1	2526	1.21	61.1	6.7	577	1254
Kern	Nonpareil#6	Nemaguard	1	21	1	9763	1.10	68.4	23.7	2042	2737
Kern	Nonpareil#6	Nemaguard	1	41	1	10855	1.08	67.9	25.8	2221	2814
Kern	Nonpareil#6	Nemaguard	1	25	1	10728	1.12	65.7	26.5	2280	3067
Kern	Nonpareil#6	Nemaguard	1	35	1	11992	1.07	66.7	28.3	2435	3261
Kern	Nonpareil#6	Nemaguard	1	11	1	11334	1.09	64.9	27.3	2349	3273
Kern	Nonpareil#6	Nemaguard	1	7	1	11255	1.16	67.3	28.8	2477	3318
Kern	Nonpareil#6	Nemaguard	1	29	1	12150	1.04	65.3	27.9	2398	3319
Kern	Nonpareil#6	Nemaguard	1	3	1	13840	1.09	60.5	33.2	2852	3792
Kern	Nonpareil#6	Nemaguard	1	47	1	7279	1.30	67.0	20.9	1795	3049
Kern	Nonpareil#6	Nemaguard	1	21	1	7131	1.29	67.9	20.3	1745	4483
Kern	Nonpareil#6	Nemaguard	1	41	1	6560	1.36	71.8	19.6	1688	4501
Kern	Nonpareil#6	Nemaguard	1	35	1	5664	1.32	68.7	16.5	1418	4679
Kern	Nonpareil#6	Nemaguard	1	25	1	7638	1.37	70.5	23.1	1988	5055
Kern	Nonpareil#6	Nemaguard	1	29	1	7034	1.35	71.0	21.0	1804	5123
Kern	Nonpareil#6	Nemaguard	1	11	1	7391	1.35	68.2	21.9	1884	5158
Kern	Nonpareil#6	Nemaguard	1	7	1	7132	1.39	71.6	21.8	1875	5193

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Kern	Nonpareil#6	Nemaguard	1	3	1	100	1.35	71.3	29.9	2571	3
Kern	Nonpareil#6	Nemaguard	1	47	1	139.	0.94	63.5	28.8	2477	26
Kern	Nonpareil#6	Nemaguard	1	21	1	12291	0.96	59.3	26.0	2235	6718
Kern	Nonpareil#6	Nemaguard	1	41	1	14185	1.00	61.7	31.2	2687	7188
Kern	Nonpareil#6	Nemaguard	1	35	1	14615	0.98	65.3	31.5	2713	7392
Kern	Nonpareil#6	Nemaguard	1	25	1	12558	1.00	60.2	27.7	2379	7434
Kern	Nonpareil#6	Nemaguard	1	29	1	14132	0.92	60.5	28.6	2463	7586
Kern	Nonpareil#6	Nemaguard	1	7	1	14158	1.00	63.3	31.2	2682	7875
Kern	Nonpareil#6	Nemaguard	1	11	1	15261	0.98	64.5	32.9	2833	7991
Kern	Nonpareil#6	Nemaguard	1	3	1	13467	1.06	67.1	31.4	2704	9067
Kern	Nonpareil#6	Nemaguard	1	47	1	6393	1.49	.	21.0		5526
Kern	Nonpareil#6	Nemaguard	1	21	1	8658	1.50	.	28.7		6718
Kern	Nonpareil#6	Nemaguard	1	41	1	5975	1.49	.	19.6		7188
Kern	Nonpareil#6	Nemaguard	1	35	1	5925	1.51	.	19.8		7392
Kern	Nonpareil#6	Nemaguard	1	25	1	7451	1.50	.	24.7		7434
Kern	Nonpareil#6	Nemaguard	1	29	1	7368	1.51	.	24.5		7586
Kern	Nonpareil#6	Nemaguard	1	7	1	9415	1.47	.	30.4		7875
Kern	Nonpareil#6	Nemaguard	1	11	1	8464	1.49	.	27.8		7991
Kern	Nonpareil#6	Nemaguard	1	3	1	11661	0.00	.	0.0		9067
Kern	Nonpareil#6	Nemaguard	1	47	1	11987	1.32	71.3	34.9	2997	8524
Kern	Nonpareil#6	Nemaguard	1	21	1	11311	1.24	69.1	30.8	2648	9366
Kern	Nonpareil#6	Nemaguard	1	41	1	11653	1.36	70.8	35.0	3007	10195
Kern	Nonpareil#6	Nemaguard	1	29	1	10356	1.34	71.5	30.7	2637	10222
Kern	Nonpareil#6	Nemaguard	1	25	1	11882	1.31	66.6	34.2	2944	10378
Kern	Nonpareil#6	Nemaguard	1	35	1	13586	1.29	69.8	38.5	3315	10707
Kern	Nonpareil#6	Nemaguard	1	7	1	11318	1.36	72.2	33.8	2907	10782
Kern	Nonpareil#6	Nemaguard	1	11	1	13517	1.30	66.5	38.7	3329	11319
Kern	Nonpareil#6	Nemaguard	1	3	1	12579	1.33	69.6	36.7	3160	12227
Kern	Nonpareil#6	Nemaguard	1	21	1	8666	1.10	70.0	21.0	1806	11172
Kern	Nonpareil#6	Nemaguard	1	47	1	19546	1.04	72.9	44.8	3851	12374
Kern	Nonpareil#6	Nemaguard	1	25	1	10286	1.11	67.1	25.1	2163	12541
Kern	Nonpareil#6	Nemaguard	1	11	1	10957	1.11	74.6	26.8	2308	13627
Kern	Nonpareil#6	Nemaguard	1	29	1	18006	1.07	70.1	42.3	3636	13858
Kern	Nonpareil#6	Nemaguard	1	41	1	20046	1.11	72.6	49.0	4215	14410
Kern	Nonpareil#6	Nemaguard	1	35	1	19583	1.07	67.5	46.2	3977	14684
Kern	Nonpareil#6	Nemaguard	1	3	1	12898	1.03	73.8	29.4	2526	14753
Kern	Nonpareil#6	Nemaguard	1	7	1	19839	1.06	69.6	46.3	3984	14766
Kern	Nonpareil#6	Nemaguard	1	21	1	8532	1.31	67.4	24.7	2120	13292
Kern	Nonpareil#6	Nemaguard	1	47	1	9507	1.29	66.7	27.0	2323	14697
Kern	Nonpareil#6	Nemaguard	1	25	1	8685	1.36	69.8	26.1	2241	14781
Kern	Nonpareil#6	Nemaguard	1	11	1	10654	1.32	69.2	31.0	2668	16295
Kern	Nonpareil#6	Nemaguard	1	29	1	10037	1.44	70.0	31.8	2734	16592
Kern	Nonpareil#6	Nemaguard	1	7	1	8305	1.35	66.5	24.7	2121	16886
Kern	Nonpareil#6	Nemaguard	1	41	1	10443	1.40	71.6	32.2	2770	17179
Kern	Nonpareil#6	Nemaguard	1	3	1	10339	1.39	71.6	31.6	2715	17468
Kern	Nonpareil#6	Nemaguard	1	35	1	11662	1.30	69.3	33.5	2881	17564
Kern	Nonpareil#6	Nemaguard	1	21	1	11501.5	1.1	62.9	27.5	2366	15658
Kern	Nonpareil#6	Nemaguard	1	25	1	12065.6	1.1	66.5	30.1	2587	17369
Kern	Nonpareil#6	Nemaguard	1	47	1	14855.4	1.0	66.9	34.3	2949	17647
Kern	Nonpareil#6	Nemaguard	1	11	1	13546.3	1.1	64.8	32.4	2787	19082

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Kern	Nonpareil#6	Nemaguard	1	3	1	1001	1.35	71.3	29.9	2571	
Kern	Nonpareil#6	Nemaguard	1	47	1	1391.	0.94	63.5	28.8	2477	5026
Kern	Nonpareil#6	Nemaguard	1	21	1	12291	0.96	59.3	26.0	2235	6718
Kern	Nonpareil#6	Nemaguard	1	41	1	14185	1.00	61.7	31.2	2687	7188
Kern	Nonpareil#6	Nemaguard	1	35	1	14615	0.98	65.3	31.5	2713	7392
Kern	Nonpareil#6	Nemaguard	1	25	1	12558	1.00	60.2	27.7	2379	7434
Kern	Nonpareil#6	Nemaguard	1	29	1	14132	0.92	60.5	28.6	2463	7586
Kern	Nonpareil#6	Nemaguard	1	7	1	14158	1.00	63.3	31.2	2682	7875
Kern	Nonpareil#6	Nemaguard	1	11	1	15261	0.98	64.5	32.9	2833	7991
Kern	Nonpareil#6	Nemaguard	1	3	1	13467	1.06	67.1	31.4	2704	9067
Kern	Nonpareil#6	Nemaguard	1	47	1	6393	1.49	.	21.0		5526
Kern	Nonpareil#6	Nemaguard	1	21	1	8658	1.50	.	28.7		6718
Kern	Nonpareil#6	Nemaguard	1	41	1	5975	1.49	.	19.6		7188
Kern	Nonpareil#6	Nemaguard	1	35	1	5925	1.51	.	19.8		7392
Kern	Nonpareil#6	Nemaguard	1	25	1	7451	1.50	.	24.7		7434
Kern	Nonpareil#6	Nemaguard	1	29	1	7368	1.51	.	24.5		7586
Kern	Nonpareil#6	Nemaguard	1	7	1	9415	1.47	.	30.4		7875
Kern	Nonpareil#6	Nemaguard	1	11	1	8464	1.49	.	27.8		7991
Kern	Nonpareil#6	Nemaguard	1	3	1	11661	0.00	.	0.0		9067
Kern	Nonpareil#6	Nemaguard	1	47	1	11987	1.32	71.3	34.9	2997	8524
Kern	Nonpareil#6	Nemaguard	1	21	1	11311	1.24	69.1	30.8	2648	9366
Kern	Nonpareil#6	Nemaguard	1	41	1	11653	1.36	70.8	35.0	3007	10195
Kern	Nonpareil#6	Nemaguard	1	29	1	10356	1.34	71.5	30.7	2637	10222
Kern	Nonpareil#6	Nemaguard	1	25	1	11882	1.31	66.6	34.2	2944	10378
Kern	Nonpareil#6	Nemaguard	1	35	1	13586	1.29	69.8	38.5	3315	10707
Kern	Nonpareil#6	Nemaguard	1	7	1	11318	1.36	72.2	33.8	2907	10782
Kern	Nonpareil#6	Nemaguard	1	11	1	13517	1.30	66.5	38.7	3329	11319
Kern	Nonpareil#6	Nemaguard	1	3	1	12579	1.33	69.6	36.7	3160	12227
Kern	Nonpareil#6	Nemaguard	1	21	1	8666	1.10	70.0	21.0	1806	11172
Kern	Nonpareil#6	Nemaguard	1	47	1	19546	1.04	72.9	44.8	3851	12374
Kern	Nonpareil#6	Nemaguard	1	25	1	10286	1.11	67.1	25.1	2163	12541
Kern	Nonpareil#6	Nemaguard	1	11	1	10957	1.11	74.6	26.8	2308	13627
Kern	Nonpareil#6	Nemaguard	1	29	1	18006	1.07	70.1	42.3	3636	13858
Kern	Nonpareil#6	Nemaguard	1	41	1	20046	1.11	72.6	49.0	4215	14410
Kern	Nonpareil#6	Nemaguard	1	35	1	19583	1.07	67.5	46.2	3977	14684
Kern	Nonpareil#6	Nemaguard	1	3	1	12898	1.03	73.8	29.4	2526	14753
Kern	Nonpareil#6	Nemaguard	1	7	1	19839	1.06	69.6	46.3	3984	14766
Kern	Nonpareil#6	Nemaguard	1	21	1	8532	1.31	67.4	24.7	2120	13292
Kern	Nonpareil#6	Nemaguard	1	47	1	9507	1.29	66.7	27.0	2323	14697
Kern	Nonpareil#6	Nemaguard	1	25	1	8685	1.36	69.8	26.1	2241	14781
Kern	Nonpareil#6	Nemaguard	1	11	1	10654	1.32	69.2	31.0	2668	16295
Kern	Nonpareil#6	Nemaguard	1	29	1	10037	1.44	70.0	31.8	2734	16592
Kern	Nonpareil#6	Nemaguard	1	7	1	8305	1.35	66.5	24.7	2121	16886
Kern	Nonpareil#6	Nemaguard	1	41	1	10443	1.40	71.6	32.2	2770	17179
Kern	Nonpareil#6	Nemaguard	1	3	1	10339	1.39	71.6	31.6	2715	17468
Kern	Nonpareil#6	Nemaguard	1	35	1	11662	1.30	69.3	33.5	2881	17564
Kern	Nonpareil#6	Nemaguard	1	21	1	11501.5	1.1	62.9	27.5	2366	15658
Kern	Nonpareil#6	Nemaguard	1	25	1	12065.6	1.1	66.5	30.1	2587	17369
Kern	Nonpareil#6	Nemaguard	1	47	1	14855.4	1.0	66.9	34.3	2949	17647
Kern	Nonpareil#6	Nemaguard	1	11	1	13546.3	1.1	64.8	32.4	2787	19082

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Kern	Nonpareil#6	Nemaguard	1	29	1	1225	1.1	67.0	30.3	2610	1
Kern	Nonpareil#6	Nemaguard	1	41	1	1356	1.1	69.9	31.7	2728	19807
Kern	Nonpareil#6	Nemaguard	1	7	1	15662.5	1.1	64.3	36.5	3139	20025
Kern	Nonpareil#6	Nemaguard	1	35	1	11865.2	1.1	67.2	28.7	2472	20037
Kern	Nonpareil#6	Nemaguard	1	3	1	14896.6	1.1	62.8	35.6	3064	20532
Chico	Nonpareil#2	Lovell	1	22	1	867	1.25	64.0	2.4	153	153
Chico	Nonpareil#2	Lovell	1	22	2	1529	1.27	66.5	4.3	274	274
Chico	Nonpareil#2	Lovell	1	22	3	1774	1.31	69.2	5.1	327	327
Chico	Nonpareil#2	Lovell	1	18	1	2418	1.21	64.2	6.5	414	414
Chico	Nonpareil#2	Lovell	1	18	2	2997	1.01	51.8	6.7	428	428
Chico	Nonpareil#2	Lovell	1	18	3	2635	1.17	60.1	6.8	435	435
Chico	Nonpareil#2	Lovell	1	9	2	3238	1.16	60.6	8.3	529	529
Chico	Nonpareil#2	Lovell	1	13	2	3270	1.21	65.4	8.7	557	557
Chico	Nonpareil#2	Lovell	1	13	1	3766	1.15	61.8	9.6	613	613
Chico	Nonpareil#2	Lovell	1	9	1	3780	1.17	58.4	9.8	624	624
Chico	Nonpareil#2	Lovell	1	22	1	6921	1.16	59.1	17.7	1134	1287
Chico	Nonpareil#2	Lovell	1	22	3	7292	1.25	67.6	20.0	1281	1608
Chico	Nonpareil#2	Lovell	1	22	2	8215	1.23	65.7	22.3	1424	1699
Chico	Nonpareil#2	Lovell	1	18	3	8161	1.15	63.1	20.6	1318	1753
Chico	Nonpareil#2	Lovell	1	9	2	8081	1.18	61.9	21.1	1349	1877
Chico	Nonpareil#2	Lovell	1	18	1	9130	1.21	61.3	24.3	1552	1966
Chico	Nonpareil#2	Lovell	1	13	2	8600	1.19	60.6	22.5	1438	1995
Chico	Nonpareil#2	Lovell	1	18	2	9485	1.18	65.9	24.7	1580	2008
Chico	Nonpareil#2	Lovell	1	13	1	9470	1.20	64.7	25.1	1607	2220
Chico	Nonpareil#2	Lovell	1	9	1	9799	1.24	65.5	26.7	1707	2332
Chico	Nonpareil#2	Lovell	1	22	1	2566	1.44	66.0	8.2	522	1809
Chico	Nonpareil#2	Lovell	1	22	3	3444	1.49	69.3	11.3	725	2333
Chico	Nonpareil#2	Lovell	1	22	2	3660	1.44	64.3	11.6	744	2443
Chico	Nonpareil#2	Lovell	1	18	1	4515	1.33	65.6	13.2	847	2813
Chico	Nonpareil#2	Lovell	1	9	2	5565	1.32	62.6	16.2	1036	2913
Chico	Nonpareil#2	Lovell	1	13	2	4888	1.35	67.5	14.6	933	2928
Chico	Nonpareil#2	Lovell	1	18	3	6326	1.33	64.9	18.6	1190	2943
Chico	Nonpareil#2	Lovell	1	18	2	6197	1.35	70.3	18.4	1176	3184
Chico	Nonpareil#2	Lovell	1	9	1	5750	1.31	65.8	16.6	1065	3397
Chico	Nonpareil#2	Lovell	1	13	1	6537	1.31	70.9	18.8	1203	3423
Chico	Nonpareil#2	Lovell	1	22	1	.	.	.	.	.	1809
Chico	Nonpareil#2	Lovell	1	22	2	11462	1.10	67.1	27.8	1777	4220
Chico	Nonpareil#2	Lovell	1	22	3	12528	1.16	65.2	32.0	2049	4382
Chico	Nonpareil#2	Lovell	1	18	3	12771	1.08	60.7	30.4	1944	4887
Chico	Nonpareil#2	Lovell	1	18	1	13461	1.16	59.2	34.4	2201	5014
Chico	Nonpareil#2	Lovell	1	9	2	13352	1.14	59.4	33.5	2146	5059
Chico	Nonpareil#2	Lovell	1	13	2	14400	1.14	64.8	36.2	2314	5242
Chico	Nonpareil#2	Lovell	1	9	1	11731	1.14	61.3	29.5	1885	5282
Chico	Nonpareil#2	Lovell	1	18	2	14593	1.08	64.3	34.7	2222	5405
Chico	Nonpareil#2	Lovell	1	13	1	15072	1.18	62.1	39.2	2507	5931
Chico	Nonpareil#2	Lovell	1	22	1	.	.	.	.	.	1809
Chico	Nonpareil#2	Lovell	1	22	2	.	.	.	.	.	4220
Chico	Nonpareil#2	Lovell	1	22	3	.	.	.	.	.	4382
Chico	Nonpareil#2	Lovell	1	18	3	6914	1.38	.	21.0	1341	6228
Chico	Nonpareil#2	Lovell	1	18	1	6682	1.50	.	22.1	1415	6428

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Chico	Nonpareil#2	Lovell	1	18	2	900	1.39	.	27.8	1781	3
Chico	Nonpareil#2	Lovell	1	9	2	1200	1.37	.	36.3	2321	1380
Chico	Nonpareil#2	Lovell	1	9	1	11205	1.34	.	33.0	2110	7392
Chico	Nonpareil#2	Lovell	1	13	2	12752	1.36	.	38.1	2441	7683
Chico	Nonpareil#2	Lovell	1	13	1	11678	1.40	.	36.0	2302	8232
Chico	Nonpareil#2	Lovell	1	22	1	.	.	.	.		1809
Chico	Nonpareil#2	Lovell	1	22	2	.	.	.	.		4220
Chico	Nonpareil#2	Lovell	1	22	3	.	.	.	.		4382
Chico	Nonpareil#2	Lovell	1	18	3	11473	1.15	68.3	29.2	1866	8094
Chico	Nonpareil#2	Lovell	1	18	1	11585	1.25	63.4	31.8	2038	8467
Chico	Nonpareil#2	Lovell	1	18	2	11060	1.22	62.8	29.7	1902	9088
Chico	Nonpareil#2	Lovell	1	9	2	12068	1.19	63.9	31.7	2028	9407
Chico	Nonpareil#2	Lovell	1	9	1	11771	1.25	63.6	32.5	2077	9470
Chico	Nonpareil#2	Lovell	1	13	2	10679	1.21	61.4	28.5	1822	9504
Chico	Nonpareil#2	Lovell	1	13	1	11711	1.23	60.3	31.8	2034	10266
Chico	Nonpareil#2	Lovell	1	22	1	17419	1.19	66.1	45.7	2927	4736
Chico	Nonpareil#2	Lovell	1	22	3	9563	1.31	69.2	27.7	1771	6153
Chico	Nonpareil#2	Lovell	1	22	2	13482	1.28	67.8	38.0	2433	6653
Chico	Nonpareil#2	Lovell	1	18	3	17711	1.07	63.3	41.7	2671	10766
Chico	Nonpareil#2	Lovell	1	18	1	14929	1.23	68.2	40.6	2597	11064
Chico	Nonpareil#2	Lovell	1	18	2	18060	1.08	58.7	42.8	2739	11828
Chico	Nonpareil#2	Lovell	1	9	1	15191	1.13	60.7	37.7	2411	11881
Chico	Nonpareil#2	Lovell	1	13	2	15621	1.15	67.3	39.6	2532	12037
Chico	Nonpareil#2	Lovell	1	9	2	18141	1.10	63.1	44.0	2813	12220
Chico	Nonpareil#2	Lovell	1	13	1	15559	1.09	66.7	37.3	2386	12652
Chico	Nonpareil#2	Lovell	1	22	1	9295	1.53	67.8	31.4	2007	6743
Chico	Nonpareil#2	Lovell	1	22	3	9281	1.57	72.6	32.0	2049	8202
Chico	Nonpareil#2	Lovell	1	22	2	9632	1.58	68.0	33.6	2151	8804
Chico	Nonpareil#2	Lovell	1	18	3	10520	1.49	67.4	34.6	2216	12981
Chico	Nonpareil#2	Lovell	1	18	1	10296	1.49	68.7	33.9	2168	13232
Chico	Nonpareil#2	Lovell	1	13	2	8175	1.40	62.5	25.2	1613	13650
Chico	Nonpareil#2	Lovell	1	18	2	9629	1.50	67.5	31.8	2036	13864
Chico	Nonpareil#2	Lovell	1	9	1	10067	1.49	61.9	33.0	2114	13996
Chico	Nonpareil#2	Lovell	1	13	1	9214	1.39	64.4	28.2	1803	14455
Chico	Nonpareil#2	Lovell	1	9	2	11057	1.48	60.9	36.0	2304	14524
Chico	Nonpareil#2	Lovell	1	22	1	10945.6	1.3	65.8	30.4	1944	8687
Chico	Nonpareil#2	Nemaguard	1	22	3	8831.1	1.3	64.8	24.6	1576	9778
Chico	Nonpareil#2	Lovell	1	22	2	10087.5	1.2	67.9	27.6	1766	10570
Chico	Nonpareil#2	Lovell	1	9	2	.	.	.	.		14524
Chico	Nonpareil#2	Lovell	1	18	3	12952.3	1.2	64.8	33.8	2162	15143
Chico	Nonpareil#2	Lovell	1	18	1	11845.6	1.2	61.9	31.6	2021	15253
Chico	Nonpareil#2	Lovell	1	13	2	12519.0	1.2	54.7	32.1	2054	15704
Chico	Nonpareil#2	Lovell	1	13	1	10060.0	1.1	65.5	25.0	1597	16052
Chico	Nonpareil#2	Lovell	1	18	2	14066.3	1.2	51.3	35.8	2288	16152
Chico	Nonpareil#2	Lovell	1	9	1	13405.2	1.2	65.8	35.0	2237	16233
Delta	Nonpareil#2	Nemaguard	1	1	1	.	.	.	.		.
Delta	Nonpareil#2	Nemaguard	1	5	1	.	.	.	.		.
Delta	Nonpareil#2	Nemaguard	1	11	1
Delta	Nonpareil#2	Nemaguard	1	25	1
Delta	Nonpareil#2	Nemaguard	1	29	1

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Delta	Nonpareil#2	Nemaguard	1	33	1
Delta	Nonpareil#2	Nemaguard	1	41	1
Delta	Nonpareil#2	Nemaguard	1	45	1
Delta	Nonpareil#2	Nemaguard	1	15	1	549	1.39	69.7	1.7	126
Delta	Nonpareil#2	Nemaguard	1	29	1	.	.	.	.	126
Delta	Nonpareil#2	Nemaguard	1	25	1	4561	1.06	76.4	10.6	799
Delta	Nonpareil#2	Nemaguard	1	33	1	5539	1.04	70.3	12.7	955
Delta	Nonpareil#2	Nemaguard	1	5	1	6913	1.09	68.5	16.6	1245
Delta	Nonpareil#2	Nemaguard	1	45	1	6821	1.12	73.7	16.9	1267
Delta	Nonpareil#2	Nemaguard	1	1	1	6834	1.14	71.2	17.1	1285
Delta	Nonpareil#2	Nemaguard	1	41	1	7794	1.06	70.6	18.2	1365
Delta	Nonpareil#2	Nemaguard	1	11	1	7821	1.06	68.8	18.3	1370
Delta	Nonpareil#2	Nemaguard	1	15	1	7703	1.06	66.9	17.9	1344
Delta	Nonpareil#2	Nemaguard	1	29	1	2971	1.35	66.9	8.8	664
Delta	Nonpareil#2	Nemaguard	1	25	1	2537	1.37	66.0	7.7	574
Delta	Nonpareil#2	Nemaguard	1	33	1	2551	1.26	64.9	7.1	529
Delta	Nonpareil#2	Nemaguard	1	1	1	2738	1.38	66.1	8.3	625
Delta	Nonpareil#2	Nemaguard	1	5	1	3971	1.38	64.0	12.1	904
Delta	Nonpareil#2	Nemaguard	1	41	1	4494	1.30	66.0	12.9	967
Delta	Nonpareil#2	Nemaguard	1	45	1	5163	1.34	71.7	15.3	1146
Delta	Nonpareil#2	Nemaguard	1	11	1	5049	1.35	65.7	15.0	1123
Delta	Nonpareil#2	Nemaguard	1	15	1	5935	1.33	69.7	17.4	1302
Delta	Nonpareil#2	Nemaguard	1	29	1	11386	1.06	63.1	26.6	1994
Delta	Nonpareil#2	Nemaguard	1	33	1	10616	1.10	71.4	25.7	1929
Delta	Nonpareil#2	Nemaguard	1	25	1	10742	1.16	73.4	27.4	2058
Delta	Nonpareil#2	Nemaguard	1	1	1	10693	1.18	69.4	27.8	2084
Delta	Nonpareil#2	Nemaguard	1	41	1	11878	1.06	68.8	27.7	2080
Delta	Nonpareil#2	Nemaguard	1	45	1	10698	1.14	64.8	26.9	2015
Delta	Nonpareil#2	Nemaguard	1	5	1	13763	1.18	70.2	35.8	2683
Delta	Nonpareil#2	Nemaguard	1	11	1	13787	1.16	70.7	35.2	2642
Delta	Nonpareil#2	Nemaguard	1	15	1	12774	1.20	71.4	33.8	2532
Delta	Nonpareil#2	Nemaguard	1	29	1	5732	1.35	.	17.0	1278
Delta	Nonpareil#2	Nemaguard	1	25	1	3515	1.41	.	10.9	820
Delta	Nonpareil#2	Nemaguard	1	33	1	3909	1.41	.	12.2	913
Delta	Nonpareil#2	Nemaguard	1	1	1	4604	1.59	.	16.1	1211
Delta	Nonpareil#2	Nemaguard	1	45	1	6101	1.34	.	18.0	1353
Delta	Nonpareil#2	Nemaguard	1	41	1	6951	1.31	.	20.1	1504
Delta	Nonpareil#2	Nemaguard	1	5	1	6068	1.48	.	19.8	1482
Delta	Nonpareil#2	Nemaguard	1	11	1	8189	1.49	.	26.9	2016
Delta	Nonpareil#2	Nemaguard	1	15	1	8412	1.44	.	26.8	2007
Delta	Nonpareil#2	Nemaguard	1	29	1	6746	1.27	63.6	18.9	1420
Delta	Nonpareil#2	Nemaguard	1	33	1	8100	1.22	68.7	21.8	1635
Delta	Nonpareil#2	Nemaguard	1	25	1	11562	1.24	66.8	31.6	2372
Delta	Nonpareil#2	Nemaguard	1	1	1	6927	1.46	70.1	22.3	1673
Delta	Nonpareil#2	Nemaguard	1	45	1	6471	1.30	70.6	18.6	1392
Delta	Nonpareil#2	Nemaguard	1	41	1	8797	1.31	68.2	25.3	1901
Delta	Nonpareil#2	Nemaguard	1	5	1	9031	1.34	69.2	26.7	2002
Delta	Nonpareil#2	Nemaguard	1	11	1	8381	1.35	67.0	25.0	1875
Delta	Nonpareil#2	Nemaguard	1	15	1	9870	1.26	65.0	27.5	2061
Delta	Nonpareil#2	Nemaguard	1	29	1	8095	1.12	59.2	19.9	1492
Delta	Nonpareil#2	Nemaguard	1	25	1	.	.	.	.	6848

Delta	Nonpareil#2	Nemaguard	1	33	1	76	1.34	72.2	22.6	1692	4
Delta	Nonpareil#2	Nemaguard	1	25	1	63	1.35	66.8	18.8	1413	37
Delta	Nonpareil#2	Nemaguard	1	45	1	11111	1.22	69.5	30.0	2247	9419
Delta	Nonpareil#2	Nemaguard	1	1	1	12004	1.47	68.6	39.0	2923	9801
Delta	Nonpareil#2	Nemaguard	1	41	1	12620	1.31	74.0	36.3	2723	10539
Delta	Nonpareil#2	Nemaguard	1	5	1	10561	1.38	70.8	32.2	2415	10730
Delta	Nonpareil#2	Nemaguard	1	15	1	12024	1.30	69.9	34.3	2574	11946
Delta	Nonpareil#2	Nemaguard	1	11	1	13501	1.32	67.5	39.2	2940	11964
Delta	Nonpareil#2	Nemaguard	1	29	1	9253	1.22	58.7	24.9	1871	8719
Delta	Nonpareil#2	Nemaguard	1	25	1	5873	1.30	66.3	16.8	1259	9296
Delta	Nonpareil#2	Nemaguard	1	33	1	9186	1.24	62.0	25.1	1882	9535
Delta	Nonpareil#2	Nemaguard	1	45	1	7912	1.35	70.7	23.6	1770	11188
Delta	Nonpareil#2	Nemaguard	1	1	1	10689	1.44	66.8	34.0	2546	12347
Delta	Nonpareil#2	Nemaguard	1	41	1	8469	1.31	72.0	24.4	1830	12369
Delta	Nonpareil#2	Nemaguard	1	5	1	11668	1.31	68.0	33.6	2521	13251
Delta	Nonpareil#2	Nemaguard	1	15	1	9305	1.21	61.1	24.8	1860	13806
Delta	Nonpareil#2	Nemaguard	1	11	1	11076	1.23	62.2	29.9	2243	14207
Delta	Nonpareil#2	Nemaguard	1	29	1	6698.9	1.4	73.2	20.3	1523	10242
Delta	Nonpareil#2	Nemaguard	1	25	1	5732.9	1.3	59.3	17.0	1277	10573
Delta	Nonpareil#2	Nemaguard	1	33	1	6727.5	1.3	67.5	19.2	1438	10973
Delta	Nonpareil#2	Nemaguard	1	45	1	3782.4	1.5	74.1	12.2	914	12102
Delta	Nonpareil#2	Nemaguard	1	41	1	7275.0	1.3	68.7	21.1	1579	13949
Delta	Nonpareil#2	Nemaguard	1	1	1	6522.3	1.5	70.8	21.5	1610	13957
Delta	Nonpareil#2	Nemaguard	1	5	1	6744.0	1.3	64.0	19.8	1486	14738
Delta	Nonpareil#2	Nemaguard	1	15	1	7358.0	1.3	66.7	21.7	1626	15432
Delta	Nonpareil#2	Nemaguard	1	11	1	6089.1	1.3	66.8	17.8	1338	15545
Kern	Nonpareil#2	Nemaguard	1	23	1	561	1.378	71	1.7	146	146
Kern	Nonpareil#2	Nemaguard	1	1	1	769	1.358	71	2.3	198	198
Kern	Nonpareil#2	Nemaguard	1	27	1	827	1.33	74	2.4	208	208
Kern	Nonpareil#2	Nemaguard	1	31	1	872	1.354	70	2.6	224	224
Kern	Nonpareil#2	Nemaguard	1	5	1	1041	1.346	72	3.1	265	265
Kern	Nonpareil#2	Nemaguard	1	43	1	1093	1.308	74	3.1	271	271
Kern	Nonpareil#2	Nemaguard	1	39	1	1110	1.332	71	3.3	280	280
Kern	Nonpareil#2	Nemaguard	1	9	1	1045	1.434	68	3.3	284	284
Kern	Nonpareil#2	Nemaguard	1	13	1	1303	1.346	73	3.9	332	332
Kern	Nonpareil#2	Nemaguard	1	23	1	2916	1.28	65.1	8.2	535	681
Kern	Nonpareil#2	Nemaguard	1	39	1	2929	1.17	62.3	7.5	469	749
Kern	Nonpareil#2	Nemaguard	1	43	1	2975	1.19	62.1	7.8	485	756
Kern	Nonpareil#2	Nemaguard	1	31	1	3278	1.25	61.7	9.1	558	782
Kern	Nonpareil#2	Nemaguard	1	27	1	3483	1.22	62.6	9.4	588	796
Kern	Nonpareil#2	Nemaguard	1	1	1	4428	1.20	60.4	11.7	705	902
Kern	Nonpareil#2	Nemaguard	1	9	1	3643	1.26	64.6	10.1	653	937
Kern	Nonpareil#2	Nemaguard	1	5	1	4156	1.23	61.6	11.3	695	960
Kern	Nonpareil#2	Nemaguard	1	13	1	4164	1.21	64.9	11.1	720	1053
Kern	Nonpareil#2	Nemaguard	1	1	1	1293	0.92	63.9	2.6	196	1098
Kern	Nonpareil#2	Nemaguard	1	23	1	9972	1.22	66.6	26.8	2305	2986
Kern	Nonpareil#2	Nemaguard	1	31	1	10281	1.15	66.2	26.0	2240	3021
Kern	Nonpareil#2	Nemaguard	1	39	1	11343	1.08	63.2	27.1	2329	3078
Kern	Nonpareil#2	Nemaguard	1	27	1	11651	1.04	65.7	26.7	2295	3092
Kern	Nonpareil#2	Nemaguard	1	43	1	11086	1.13	66.6	27.7	2381	3137

Kern	Nonpareil#2	Nemaguard	1	5	1	122	1.13	68.3	30.9	2655	5
Kern	Nonpareil#2	Nemaguard	1	9	1	121	1.19	68.9	32.1	2758	3096
Kern	Nonpareil#2	Nemaguard	1	13	1	12567	1.11	66.5	30.8	2647	3700
Kern	Nonpareil#2	Nemaguard	1	1	1	8256	1.40	71.4	25.4	2183	3281
Kern	Nonpareil#2	Nemaguard	1	27	1	6531	1.29	71.0	18.5	1591	4683
Kern	Nonpareil#2	Nemaguard	1	23	1	7411	1.43	69.6	23.4	2010	4996
Kern	Nonpareil#2	Nemaguard	1	39	1	9629	1.20	68.2	25.4	2189	5267
Kern	Nonpareil#2	Nemaguard	1	31	1	8722	1.36	71.3	26.2	2250	5272
Kern	Nonpareil#2	Nemaguard	1	43	1	8492	1.33	69.0	24.8	2136	5273
Kern	Nonpareil#2	Nemaguard	1	5	1	7647	1.34	70.9	22.5	1938	5554
Kern	Nonpareil#2	Nemaguard	1	13	1	7959	1.30	71.2	22.8	1957	5657
Kern	Nonpareil#2	Nemaguard	1	9	1	9051	1.32	70.6	26.3	2263	5959
Kern	Nonpareil#2	Nemaguard	1	1	1	13365	1.08	66.7	31.8	2734	6015
Kern	Nonpareil#2	Nemaguard	1	27	1	11626	0.96	60.0	24.6	2114	6797
Kern	Nonpareil#2	Nemaguard	1	23	1	12743	1.06	65.4	29.8	2559	7555
Kern	Nonpareil#2	Nemaguard	1	31	1	13019	1.02	63.0	29.2	2515	7787
Kern	Nonpareil#2	Nemaguard	1	39	1	14092	1.00	61.7	31.0	2669	7936
Kern	Nonpareil#2	Nemaguard	1	13	1	13190	1.00	62.5	29.1	2499	8155
Kern	Nonpareil#2	Nemaguard	1	43	1	15261	1.00	64.9	33.6	2891	8164
Kern	Nonpareil#2	Nemaguard	1	5	1	13746	1.02	63.8	30.9	2656	8209
Kern	Nonpareil#2	Nemaguard	1	9	1	13612	0.98	63.6	29.4	2527	8486
Kern	Nonpareil#2	Nemaguard	1	1	1	10682	1.44	.	33.9		6015
Kern	Nonpareil#2	Nemaguard	1	27	1	7323	1.47	.	23.7		6797
Kern	Nonpareil#2	Nemaguard	1	23	1	8656	1.51	.	28.8		7555
Kern	Nonpareil#2	Nemaguard	1	31	1	7852	1.45	.	25.1		7787
Kern	Nonpareil#2	Nemaguard	1	39	1	8456	1.42	.	26.4		7936
Kern	Nonpareil#2	Nemaguard	1	13	1	9827	1.42	.	30.7		8155
Kern	Nonpareil#2	Nemaguard	1	43	1	6049	1.43	.	19.0		8164
Kern	Nonpareil#2	Nemaguard	1	5	1	10451	1.43	.	32.8		8209
Kern	Nonpareil#2	Nemaguard	1	9	1	9437	1.50	.	31.1		8486
Kern	Nonpareil#2	Nemaguard	1	1	1	10935	1.40	68.8	33.7	2900	8915
Kern	Nonpareil#2	Nemaguard	1	27	1	10667	1.39	71.0	32.8	2817	9614
Kern	Nonpareil#2	Nemaguard	1	31	1	9440	1.40	68.4	29.1	2503	10290
Kern	Nonpareil#2	Nemaguard	1	23	1	10621	1.40	72.6	32.8	2821	10375
Kern	Nonpareil#2	Nemaguard	1	39	1	11261	1.42	71.1	35.1	3021	10957
Kern	Nonpareil#2	Nemaguard	1	43	1	11109	1.46	69.6	35.7	3068	11232
Kern	Nonpareil#2	Nemaguard	1	5	1	12252	1.35	68.9	36.5	3143	11352
Kern	Nonpareil#2	Nemaguard	1	13	1	13186	1.35	67.7	39.3	3377	11532
Kern	Nonpareil#2	Nemaguard	1	9	1	12614	1.36	70.6	37.8	3250	11735
Kern	Nonpareil#2	Nemaguard	1	1	1	20708	1.01	65.5	46.2	3970	12885
Kern	Nonpareil#2	Nemaguard	1	23	1	11686	1.13	70.3	29.2	2510	12886
Kern	Nonpareil#2	Nemaguard	1	5	1	11829	1.05	71.8	27.5	2362	13714
Kern	Nonpareil#2	Nemaguard	1	27	1	20824	1.10	72.8	50.5	4339	13953
Kern	Nonpareil#2	Nemaguard	1	13	1	11904	1.09	71.9	28.5	2453	13986
Kern	Nonpareil#2	Nemaguard	1	9	1	12920	1.09	72.7	30.9	2658	14393
Kern	Nonpareil#2	Nemaguard	1	31	1	22945	1.04	70.7	52.6	4520	14811
Kern	Nonpareil#2	Nemaguard	1	39	1	22775	1.07	72.8	53.9	4633	15590
Kern	Nonpareil#2	Nemaguard	1	43	1	23983	1.07	65.7	56.5	4861	16093
Kern	Nonpareil#2	Nemaguard	1	23	1	7998	1.38	68.6	24.3	2094	14979
Kern	Nonpareil#2	Nemaguard	1	1	1	9914	1.34	67.4	29.3	2520	15405

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Kern	Nonpareil#2	Nemaguard	1	5	1	99	1.37	66.9	30.0	2583	7
Kern	Nonpareil#2	Nemaguard	1	13	1	924	1.44	70.0	29.3	2519	1605
Kern	Nonpareil#2	Nemaguard	1	27	1	9742	1.44	77.1	30.9	2657	16610
Kern	Nonpareil#2	Nemaguard	1	9	1	9198	1.36	67.7	27.5	2363	16756
Kern	Nonpareil#2	Nemaguard	1	31	1	9457	1.42	68.7	29.5	2540	17351
Kern	Nonpareil#2	Nemaguard	1	39	1	10316	1.31	72.0	29.9	2568	18158
Kern	Nonpareil#2	Nemaguard	1	43	1	12615	1.29	67.0	35.7	3073	19166
Kern	Nonpareil#2	Nemaguard	1	23	1	12595.0	1.1	68.5	31.3	2696	17675
Kern	Nonpareil#2	Nemaguard	1	27	1	11411.4	1.2	68.0	28.9	2486	19096
Kern	Nonpareil#2	Nemaguard	1	1	1	18269.6	1.1	71.0	43.7	3758	19164
Kern	Nonpareil#2	Nemaguard	1	13	1	14196.3	1.1	65.2	34.5	2969	19473
Kern	Nonpareil#2	Nemaguard	1	5	1	15280.6	1.1	74.4	37.2	3196	19492
Kern	Nonpareil#2	Nemaguard	1	9	1	14059.2	1.1	66.7	33.8	2908	19664
Kern	Nonpareil#2	Nemaguard	1	31	1	12358.9	1.2	68.1	32.7	2809	20160
Kern	Nonpareil#2	Nemaguard	1	39	1	14455.8	1.1	70.9	34.3	2946	21105
Kern	Nonpareil#2	Nemaguard	1	43	1	15617.0	1.1	67.3	38.2	3284	22450
Kern	Nonpareil	Nemaguard	1	45	1	1046	1.336	72	3.1	265	265
Kern	Nonpareil	Nemaguard	1	45	1	2937	1.21	62.2	7.8	487	752
Kern	Nonpareil	Nemaguard	1	45	1	10971	1.09	68.6	26.4	2269	3021
Kern	Nonpareil	Nemaguard	1	45	1	7535	1.35	66.6	22.5	1933	4954
Kern	Nonpareil	Nemaguard	1	45	1	13191	1.02	64.6	29.6	2549	7503
Kern	Nonpareil	Nemaguard	1	45	1	5101	1.50	.	16.9		7503
Kern	Nonpareil	Nemaguard	1	45	1	11206	1.43	70.4	35.2	3031	10534
Kern	Nonpareil	Nemaguard	1	45	1	23905	1.06	70.7	56.0	4818	15352
Kern	Nonpareil	Nemaguard	1	45	1	10798	1.34	67.5	31.8	2733	18085
Kern	Nonpareil	Nemaguard	1	45	1	15946.2	1.1	63.9	36.9	3172	21257
Delta	Nonpareil	Nemaguard	1	35	1	483	1.26	58.9	1.3	100	100
Delta	Nonpareil	Nemaguard	1	35	1	7792	1.01	69.9	17.3	1295	1395
Delta	Nonpareil	Nemaguard	1	35	1	3550	1.27	63.2	9.9	745	2140
Delta	Nonpareil	Nemaguard	1	35	1	10880	1.10	72.4	26.4	1977	4117
Delta	Nonpareil	Nemaguard	1	35	1	5035	1.38	.	15.3	1148	5265
Delta	Nonpareil	Nemaguard	1	35	1	8207	1.22	64.7	22.0	1651	6917
Delta	Nonpareil	Nemaguard	1	35	1	6546	1.33	67.8	19.2	1440	8357
Delta	Nonpareil	Nemaguard	1	35	1	8845	1.23	67.9	24.0	1800	10157
Delta	Nonpareil	Nemaguard	1	35	1	5659.4	1.2	65.6	15.5	1165	11322
Chico	Morley	Lovell	3	16	1	1547	1.00	48.7	3.4	219	219
Chico	Morley	Lovell	3	16	1	7250	1.08	56.8	17.2	1102	1320
Chico	Morley	Lovell	3	16	1	8176	1.03	53.4	18.6	1189	2510
Chico	Morley	Lovell	3	16	1	10993	0.88	51.2	21.3	1364	3873
Chico	Morley	Lovell	3	16	1	13204	0.99	.	28.9	1846	5720
Chico	Morley	Lovell	3	16	1	15761	0.92	48.2	32.1	2053	7773
Chico	Morley	Lovell	3	16	1	12788	0.97	48.3	27.2	1741	9514
Chico	Morley	Lovell	3	16	1	11438	1.03	47.2	25.9	1661	11175
Chico	Morley	Lovell	3	16	1	.	.	.	.		11175
Delta	Morley	Nemaguard	3	20	1	.	.	.	.
Delta	Morley	Nemaguard	3	20	1	3198	1.06	53.7	7.5	559	559
Delta	Morley	Nemaguard	3	20	1	3387	1.03	54.7	7.7	576	1135
Delta	Morley	Nemaguard	3	20	1	8480	1.00	46.3	18.7	1401	2536
Delta	Morley	Nemaguard	3	20	1	4669	1.09	.	11.2	842	3379
Delta	Morley	Nemaguard	3	20	1	10448	0.99	46.3	22.7	1702	5080

Delta	Morley	Nemaguard	3	20	1	951	1.06	51.4	22.3	1672	?
Delta	Morley	Nemaguard	3	20	1	1076	0.97	50.0	22.9	1721	84/3
Delta	Morley	Nemaguard	3	20	1	10488.6	1.0	41.1	23.2	1740	10213
Kern	Morley	Nemaguard	3	18	1	713	1.306	52	2.0	176	176
Kern	Morley	Nemaguard	3	18	1	1775	1.11	46.1	4.3	372	549
Kern	Morley	Nemaguard	3	18	1	5009	1.15	50.1	12.7	1091	1640
Kern	Morley	Nemaguard	3	18	1	9799	1.01	48.6	21.8	1871	3511
Kern	Morley	Nemaguard	3	18	1	9308	0.86	48.9	17.6	1516	5027
Kern	Morley	Nemaguard	3	18	1	8467	1.09	.	20.3	1742	6769
Kern	Morley	Nemaguard	3	18	1	20131	0.93	49.8	41.1	3531	10300
Kern	Morley	Nemaguard	3	18	1	22337	0.88	50.2	43.1	3706	14007
Kern	Morley	Nemaguard	3	18	1	19561	1.02	51.6	44.0	3787	17794
Kern	Morley	Nemaguard	3	18	1	16946.4	0.9	48.1	33.3	2863	20657
Chico	Monterey	Lovell	3	8	3	264	1.588	66	0.9	59	59
Chico	Monterey	Lovell	3	8	3	4365	1.22	47.8	11.7	749	808
Chico	Monterey	Lovell	3	8	3	7858	1.39	44.7	24.0	1535	2344
Chico	Monterey	Lovell	3	8	3	7541	1.44	46.9	23.9	1531	3874
Chico	Monterey	Lovell	3	8	3	8333	1.20	45.5	22.0	1410	5284
Chico	Monterey	Lovell	3	8	3	11959	1.35	.	35.6	2279	7563
Chico	Monterey	Lovell	3	8	3	8489	1.29	47.5	24.1	1541	9105
Chico	Monterey	Lovell	3	8	3	11534	1.25	46.5	31.8	2032	11137
Chico	Monterey	Lovell	3	8	3	4321	1.34	40.7	12.8	816	11953
Chico	Monterey	Lovell	3	8	3	.	.	.	.		11953
Delta	Monterey	Nemaguard	3	48	1	653	1.42	53.3	2	153	153
Delta	Monterey	Nemaguard	3	48	1	7068	1.13	56.2	17.5	1315	1468
Delta	Monterey	Nemaguard	3	48	1	7673	1.31	49.4	22.1	1660	3128
Delta	Monterey	Nemaguard	3	48	1	9340	1.30	50.0	26.7	2006	5134
Delta	Monterey	Nemaguard	3	48	1	8523	1.22	.	22.9	1718	6852
Delta	Monterey	Nemaguard	3	48	1	7424	1.28	50.3	20.9	1570	8422
Delta	Monterey	Nemaguard	3	48	1	11559	1.32	61.0	33.5	2513	10935
Delta	Monterey	Nemaguard	3	48	1	11334	1.37	50.1	34.1	2558	13493
Delta	Monterey	Nemaguard	3	48	1	6816.2	1.4	50.6	21.3	1594	15087
Kern	Monterey	Nemaguard	3	46	1	1893	1.648	58	6.9	591	591
Kern	Monterey	Nemaguard	3	46	1	4376	1.38	45.5	13.3	1141	1732
Kern	Monterey	Nemaguard	3	46	1	9254	1.25	49.6	25.4	2184	3916
Kern	Monterey	Nemaguard	3	46	1	7185	1.41	55.1	22.3	1914	5830
Kern	Monterey	Nemaguard	3	46	1	9984	1.16	50.4	25.5	2194	8023
Kern	Monterey	Nemaguard	3	46	1	8198	1.56	.	28.2	2429	10452
Kern	Monterey	Nemaguard	3	46	1	13428	1.31	57.3	38.9	3342	13794
Kern	Monterey	Nemaguard	3	46	1	14933	1.16	55.0	38.3	3293	17087
Kern	Monterey	Nemaguard	3	46	1	13340	1.14	54.7	33.6	2886	19973
Kern	Monterey	Nemaguard	3	46	1	10994.6	1.1	58.2	27.7	2383	22355
Kern	Mission	Nemaguard	2	49	1	2006	1.414	48	6.2	537	537
Kern	Mission	Nemaguard	2	49	1	6295	1.05	42.0	14.5	610	1148
Kern	Mission	Nemaguard	2	49	1	8267	1.13	45.6	20.6	1773	2920
Kern	Mission	Nemaguard	2	49	1	7463	1.14	49.3	18.7	1606	4526
Kern	Mission	Nemaguard	2	49	1	6715	1.02	44.7	15.1	1297	5824
Kern	Mission	Nemaguard	2	49	1	7110	1.29	.	20.3		5824
Kern	Mission	Nemaguard	2	49	1	7520	1.29	47.5	21.4	1840	7664
Kern	Mission	Nemaguard	2	49	1	16472	0.90	45.1	32.6	2802	10466

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Kern	Mission	Nemaguard	2	49	1	154	1.13	49.1	38.4	3304	0
Kern	Mission	Nemaguard	2	49	1	1322	0.9	40.3	26.4	2270	1bu39
Chico	Mission#5	Lovell	2	2	2	1949	1.04	42.3	4.5	286	286
Chico	Mission#5	Lovell	2	2	1	1932	1.09	43.5	4.6	297	297
Chico	Mission#5	Lovell	2	2	3	2268	1.03	42.8	5.1	329	329
Chico	Mission#5	Lovell	2	4	1	2475	1.04	42.1	5.7	364	364
Chico	Mission#5	Lovell	2	6	1	2829	1.04	42.8	6.5	414	414
Chico	Mission#5	Lovell	2	16	2	2846	1.04	40.1	6.5	416	416
Chico	Mission#5	Lovell	2	4	2	2797	1.07	43.2	6.6	423	423
Chico	Mission#5	Lovell	2	6	3	2984	1.01	42.8	6.7	426	426
Chico	Mission#5	Lovell	2	6	2	3057	0.99	40.7	6.7	427	427
Chico	Mission#5	Lovell	2	16	3	3028	1.05	45.6	7.0	447	447
Chico	Mission#5	Lovell	2	2	1	5255	1.17	42.9	13.5	867	1164
Chico	Mission#5	Lovell	2	4	1	4981	1.18	45.5	13.0	831	1196
Chico	Mission#5	Lovell	2	2	2	5569	1.18	44.2	14.5	928	1214
Chico	Mission#5	Lovell	2	2	3	5757	1.19	43.8	15.1	966	1294
Chico	Mission#5	Lovell	2	16	2	5788	1.14	43.7	14.5	928	1344
Chico	Mission#5	Lovell	2	6	1	5748	1.18	42.6	14.9	954	1368
Chico	Mission#5	Lovell	2	16	3	5907	1.15	46.2	15.0	961	1408
Chico	Mission#5	Lovell	2	6	2	6086	1.15	46.4	15.4	985	1412
Chico	Mission#5	Lovell	2	6	3	5951	1.19	48.5	15.6	997	1422
Chico	Mission#5	Lovell	2	4	2	6248	1.14	41.8	15.7	1008	1430
Chico	Mission#5	Lovell	2	2	3	4782	1.17	37.7	12.3	790	2084
Chico	Mission#5	Lovell	2	2	1	5151	1.27	37.9	14.4	924	2088
Chico	Mission#5	Lovell	2	6	2	3740	1.28	41.9	10.6	676	2088
Chico	Mission#5	Lovell	2	16	2	4431	1.33	43.6	13.0	831	2175
Chico	Mission#5	Lovell	2	4	1	5510	1.28	44.6	15.5	993	2188
Chico	Mission#5	Lovell	2	2	2	5627	1.27	38.7	15.8	1009	2223
Chico	Mission#5	Lovell	2	6	1	4970	1.28	41.1	14.0	898	2267
Chico	Mission#5	Lovell	2	4	2	4886	1.30	41.1	14.0	897	2327
Chico	Mission#5	Lovell	2	16	3	4983	1.31	40.1	14.4	920	2329
Chico	Mission#5	Lovell	2	6	3	5109	1.28	42.0	14.4	922	2344
Chico	Mission#5	Lovell	2	2	3	6310	1.08	38.3	15.0	961	3045
Chico	Mission#5	Lovell	2	4	1	5655	1.08	40.3	13.5	861	3049
Chico	Mission#5	Lovell	2	2	1	6483	1.06	40.2	15.1	969	3057
Chico	Mission#5	Lovell	2	6	2	6934	1.12	40.3	17.1	1095	3183
Chico	Mission#5	Lovell	2	6	1	6810	1.04	40.6	15.6	998	3265
Chico	Mission#5	Lovell	2	4	2	6293	1.06	40.2	14.7	940	3267
Chico	Mission#5	Lovell	2	2	2	7239	1.04	39.7	16.6	1061	3284
Chico	Mission#5	Lovell	2	16	2	7861	1.08	43.9	18.7	1197	3372
Chico	Mission#5	Lovell	2	6	3	6951	1.06	40.8	16.2	1039	3383
Chico	Mission#5	Lovell	2	16	3	7296	1.04	39.1	16.7	1070	3398
Chico	Mission#5	Lovell	2	2	3	9094	1.16	.	23.2	1487	4532
Chico	Mission#5	Lovell	2	4	1	9557	1.15	.	24.2	1549	4598
Chico	Mission#5	Lovell	2	2	1	9642	1.16	.	24.7	1582	4639
Chico	Mission#5	Lovell	2	16	2	8578	1.14	.	21.6	1381	4753
Chico	Mission#5	Lovell	2	16	3	9952	1.10	.	24.1	1540	4939
Chico	Mission#5	Lovell	2	6	2	10747	1.16	.	27.5	1760	4943
Chico	Mission#5	Lovell	2	2	2	11020	1.12	.	27.1	1737	5021
Chico	Mission#5	Lovell	2	4	2	11072	1.15	.	28.0	1795	5062

Chico	Mission#5	Lovell	2	6	1	109	1.20	.	29.0	1858	3
Chico	Mission#5	Lovell	2	6	3	106	1.20	.	28.2	1804	5187
Chico	Mission#5	Lovell	2	2	1	8266	1.03	40.6	18.7	1196	5834
Chico	Mission#5	Lovell	2	2	3	10233	1.07	44.5	24.2	1549	6081
Chico	Mission#5	Lovell	2	4	1	10078	1.06	41.5	23.5	1506	6104
Chico	Mission#5	Lovell	2	2	2	7003	1.10	42.4	16.9	1084	6105
Chico	Mission#5	Lovell	2	16	2	9338	1.04	42.6	21.3	1364	6117
Chico	Mission#5	Lovell	2	4	2	8954	1.07	42.7	21.1	1348	6410
Chico	Mission#5	Lovell	2	16	3	10150	1.08	43.2	24.1	1545	6484
Chico	Mission#5	Lovell	2	6	2	11280	1.04	42.3	25.9	1660	6603
Chico	Mission#5	Lovell	2	6	3	10989	1.06	45.3	25.7	1645	6832
Chico	Mission#5	Lovell	2	6	1	11793	1.05	42.1	27.2	1742	6866
Chico	Mission#5	Lovell	2	2	3	15185	0.99	44.5	33.0	2111	8192
Chico	Mission#5	Lovell	2	2	2	15060	1.01	45.7	33.6	2153	8257
Chico	Mission#5	Lovell	2	4	2	13680	1.01	46.6	30.3	1940	8350
Chico	Mission#5	Lovell	2	16	2	16182	1.01	45.2	35.9	2295	8411
Chico	Mission#5	Lovell	2	4	1	16699	0.99	45.2	36.3	2321	8425
Chico	Mission#5	Lovell	2	2	1	19102	1.01	45.8	42.6	2725	8559
Chico	Mission#5	Lovell	2	16	3	15201	0.98	47.7	32.7	2091	8575
Chico	Mission#5	Lovell	2	6	2	15426	1.01	44.5	34.2	2192	8795
Chico	Mission#5	Lovell	2	6	3	17565	1.05	46.1	40.8	2610	9442
Chico	Mission#5	Lovell	2	6	1	18554	1.00	45.9	40.8	2610	9476
Chico	Mission#5	Lovell	2	2	2	14251	1.16	43.9	36.4	2326	10584
Chico	Mission#5	Lovell	2	16	2	14170	1.14	42.4	35.5	2273	10685
Chico	Mission#5	Lovell	2	4	2	14242	1.18	42.8	37.1	2377	10727
Chico	Mission#5	Lovell	2	16	3	13889	1.15	43.8	35.3	2259	10835
Chico	Mission#5	Lovell	2	4	1	14373	1.20	44.4	37.9	2423	10849
Chico	Mission#5	Lovell	2	2	3	15885	1.20	45.0	41.8	2678	10870
Chico	Mission#5	Lovell	2	6	2	14019	1.11	43.1	34.3	2194	10989
Chico	Mission#5	Lovell	2	2	1	14559	1.20	43.8	38.4	2459	11018
Chico	Mission#5	Lovell	2	6	3	15417	1.09	40.4	37.1	2373	11815
Chico	Mission#5	Lovell	2	6	1	15471	1.19	45.2	40.5	2591	12067
Chico	Mission#5	Lovell	2	2	2	.	.	.	.	.	10584
Chico	Mission#5	Lovell	2	4	2	.	.	.	.	.	10727
Chico	Mission#5	Lovell	2	16	3	.	.	.	.	.	10835
Chico	Mission#5	Lovell	2	16	2	12721.3	1.0	38.9	29.2	1869	12553
Chico	Mission#5	Lovell	2	6	2	11780.0	1.0	41.0	27.1	1734	12723
Chico	Mission#5	Lovell	2	4	1	12818.2	1.0	39.6	29.3	1876	12724
Chico	Mission#5	Lovell	2	2	3	13067.7	1.0	40.5	29.6	1894	12764
Chico	Mission#5	Lovell	2	2	1	12957.1	1.1	42.9	31.3	2006	13024
Chico	Mission#5	Lovell	2	6	3	14310.0	1.0	41.6	32.5	2078	13893
Chico	Mission#5	Lovell	2	6	1	14478.8	1.0	42.3	33.4	2139	14206
Delta	Mission#5	Nemaguard	2	17	1	.	.	.	.	.	.
Delta	Mission#5	Nemaguard	2	19	1	.	.	.	.	.	.
Delta	Mission#5	Nemaguard	2	22	1	.	.	.	.	.	.
Delta	Mission#5	Nemaguard	2	55	1	655	1.24	54.1	1.8	134	134
Delta	Mission#5	Nemaguard	2	53	1	988	1.22	50.0	2.7	199	199
Delta	Mission#5	Nemaguard	2	57	1	1019	1.22	49.5	2.7	205	205
Delta	Mission#5	Nemaguard	2	59	1	1133	1.19	51.8	3.0	223	223
Delta	Mission#5	Nemaguard	2	61	1	1258	1.22	51.0	3.4	253	253

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Delta	Mission#5	Nemaguard	2	63	1	17	1.18	47.5	4.6	345	5
Delta	Mission#5	Nemaguard	2	17	1						
Delta	Mission#5	Nemaguard	2	19	1						
Delta	Mission#5	Nemaguard	2	22	1						
Delta	Mission#5	Nemaguard	2	55	1	2830	1.17	50.5	7.3	547	681
Delta	Mission#5	Nemaguard	2	53	1	3725	1.13	49.9	9.3	698	897
Delta	Mission#5	Nemaguard	2	57	1	4198	1.13	48.4	10.5	785	990
Delta	Mission#5	Nemaguard	2	59	1	4449	1.08	47.5	10.6	795	1018
Delta	Mission#5	Nemaguard	2	61	1	4644	1.12	49.9	11.5	859	1112
Delta	Mission#5	Nemaguard	2	63	1	6470	1.09	46.3	15.6	1167	1512
Delta	Mission#5	Nemaguard	2	22	1	4020	1.32	52.1	11.7	874	874
Delta	Mission#5	Nemaguard	2	19	1	5855	1.32	50.8	17.0	1277	1277
Delta	Mission#5	Nemaguard	2	53	1	2830	1.16	49.3	7.2	543	1440
Delta	Mission#5	Nemaguard	2	17	1	8122	1.21	48.6	21.6	1618	1618
Delta	Mission#5	Nemaguard	2	55	1	5435	1.20	49.9	14.3	1074	1755
Delta	Mission#5	Nemaguard	2	57	1	7107	1.19	48.9	18.6	1395	2385
Delta	Mission#5	Nemaguard	2	61	1	6754	1.23	44.5	18.3	1375	2487
Delta	Mission#5	Nemaguard	2	59	1	7465	1.23	47.8	20.3	1519	2537
Delta	Mission#5	Nemaguard	2	63	1	8673	1.17	45.9	22.4	1679	3191
Delta	Mission#5	Nemaguard	2	22	1	9223	1.12	45.5	22.8	1707	2580
Delta	Mission#5	Nemaguard	2	19	1	10552	1.14	47.5	26.5	1987	3264
Delta	Mission#5	Nemaguard	2	55	1	8178	1.14	46.0	20.5	1540	3296
Delta	Mission#5	Nemaguard	2	53	1	10367	1.12	46.3	25.6	1918	3359
Delta	Mission#5	Nemaguard	2	17	1	9530	1.16	46.4	24.3	1826	3444
Delta	Mission#5	Nemaguard	2	57	1	8147	1.16	46.0	20.8	1561	3946
Delta	Mission#5	Nemaguard	2	59	1	8073	1.16	45.3	20.6	1547	4084
Delta	Mission#5	Nemaguard	2	61	1	10182	1.18	48.0	26.5	1985	4472
Delta	Mission#5	Nemaguard	2	63	1	9813	1.16	46.4	25.1	1880	5071
Delta	Mission#5	Nemaguard	2	22	1						2580
Delta	Mission#5	Nemaguard	2	53	1						3359
Delta	Mission#5	Nemaguard	2	17	1						3444
Delta	Mission#5	Nemaguard	2	57	1						3946
Delta	Mission#5	Nemaguard	2	59	1						4084
Delta	Mission#5	Nemaguard	2	61	1						4472
Delta	Mission#5	Nemaguard	2	19	1	7861	1.13			19.6	4734
Delta	Mission#5	Nemaguard	2	63	1						5071
Delta	Mission#5	Nemaguard	2	55	1	13913	1.10	49.7	33.8	2533	5828
Delta	Mission#5	Nemaguard	2	22	1	9397	1.10	49.1	22.8	1711	4291
Delta	Mission#5	Nemaguard	2	17	1	8397	1.14	49.1	21.2	1587	5031
Delta	Mission#5	Nemaguard	2	53	1	8969	1.18	47.3	23.3	1745	5104
Delta	Mission#5	Nemaguard	2	57	1	9358	1.13	46.9	23.3	1750	5696
Delta	Mission#5	Nemaguard	2	59	1	11207	1.14	46.1	28.2	2118	6202
Delta	Mission#5	Nemaguard	2	61	1	9694	1.14	47.7	24.3	1826	6297
Delta	Mission#5	Nemaguard	2	19	1	8958	1.11	44.9	21.9	1640	6374
Delta	Mission#5	Nemaguard	2	63	1	8712	1.20	47.4	23.1	1733	6804
Delta	Mission#5	Nemaguard	2	55	1	9450	1.14	48.3	23.7	1780	7608
Delta	Mission#5	Nemaguard	2	22	1	7430	1.16	52.2	19.1	1429	5720
Delta	Mission#5	Nemaguard	2	17	1	14025	1.07	52.3	33.1	2479	7510
Delta	Mission#5	Nemaguard	2	53	1	14032	1.09	52.7	33.8	2536	7640
Delta	Mission#5	Nemaguard	2	57	1	13513	1.11	52.5	32.9	2469	8165

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Delta	Mission#5	Nemaguard	2	19	1	93	1.17	48.0	24.1	1811	5
Delta	Mission#5	Nemaguard	2	59	1	1174	1.09	52.1	28.1	2104	8306
Delta	Mission#5	Nemaguard	2	61	1	11895	1.13	48.4	29.7	2228	8526
Delta	Mission#5	Nemaguard	2	63	1	12757	1.11	52.5	31.2	2339	9143
Delta	Mission#5	Nemaguard	2	55	1	12349	1.07	47.6	29.2	2187	9795
Delta	Mission#5	Nemaguard	2	22	1	7081	1.13	47.4	17.6	1320	7040
Delta	Mission#5	Nemaguard	2	17	1	9957	1.17	48.1	25.7	1928	9438
Delta	Mission#5	Nemaguard	2	53	1	10616	1.13	46.6	26.5	1989	9629
Delta	Mission#5	Nemaguard	2	19	1	8025	1.17	47.9	20.6	1546	9731
Delta	Mission#5	Nemaguard	2	57	1	10472	1.16	47.5	26.7	2000	10165
Delta	Mission#5	Nemaguard	2	59	1	10211	1.14	46.6	25.6	1923	10229
Delta	Mission#5	Nemaguard	2	61	1	10523	1.19	46.2	27.6	2069	10594
Delta	Mission#5	Nemaguard	2	63	1	10322	1.23	54.2	27.9	2094	11238
Delta	Mission#5	Nemaguard	2	55	1	10287	1.20	51.5	27.2	2043	11838
Delta	Mission#5	Nemaguard	2	22	1	8985.5	1.1	42.4	22.3	1671	8711
Delta	Mission#5	Nemaguard	2	17	1	9612.5	1.1	42.6	23.2	1740	11179
Delta	Mission#5	Nemaguard	2	19	1	8526.8	1.1	42.8	21.5	1614	11345
Delta	Mission#5	Nemaguard	2	53	1	9828.2	1.2	45.7	25.1	1880	11509
Delta	Mission#5	Nemaguard	2	57	1	8985.4	1.1	44.9	21.5	1615	11780
Delta	Mission#5	Nemaguard	2	59	1	9078.9	1.1	48.1	22.2	1668	11897
Delta	Mission#5	Nemaguard	2	61	1	8772.0	1.1	43.5	21.7	1626	12220
Delta	Mission#5	Nemaguard	2	63	1	9034.3	1.2	48.8	23.4	1758	12996
Delta	Mission#5	Nemaguard	2	55	1	10983.5	1.1	47.0	27.2	2043	13881
Kern	Mission#5	Nemaguard	2	53	1	1522	1.52	53	5.1	438	438
Kern	Mission#5	Nemaguard	2	55	1	1663	1.466	50	5.4	462	462
Kern	Mission#5	Nemaguard	2	17	1	1781	1.494	52	5.9	504	504
Kern	Mission#5	Nemaguard	2	51	1	1901	1.42	49	5.9	511	511
Kern	Mission#5	Nemaguard	2	57	1	1925	1.454	49	6.2	530	530
Kern	Mission#5	Nemaguard	2	61	1	1908	1.524	51	6.4	551	551
Kern	Mission#5	Nemaguard	2	20	1	2241	1.35	48	6.7	573	573
Kern	Mission#5	Nemaguard	2	59	1	2200	1.438	47	7.0	599	599
Kern	Mission#5	Nemaguard	2	63	1	2268	1.442	50	7.2	620	620
Kern	Mission#5	Nemaguard	2	15	1	2522	1.404	49	7.8	671	671
Kern	Mission#5	Nemaguard	2	55	1	-	-	-	-	-	462
Kern	Mission#5	Nemaguard	2	59	1	-	-	-	-	-	599
Kern	Mission#5	Nemaguard	2	53	1	5817	1.06	43.6	13.5	589	1028
Kern	Mission#5	Nemaguard	2	17	1	5626	1.10	45.7	13.6	621	1125
Kern	Mission#5	Nemaguard	2	20	1	5945	1.05	44.3	13.7	607	1180
Kern	Mission#5	Nemaguard	2	51	1	6874	1.06	42.9	16.0	687	1199
Kern	Mission#5	Nemaguard	2	57	1	7975	1.03	44.0	18.2	800	1330
Kern	Mission#5	Nemaguard	2	61	1	8320	1.05	42.2	19.2	813	1364
Kern	Mission#5	Nemaguard	2	15	1	7617	1.02	44.4	17.1	758	1429
Kern	Mission#5	Nemaguard	2	63	1	8609	1.00	51.6	18.9	1624	2244
Kern	Mission#5	Nemaguard	2	55	1	10388	1.04	44.2	23.8	2043	2504
Kern	Mission#5	Nemaguard	2	17	1	6676	1.13	45.0	16.6	1424	2549
Kern	Mission#5	Nemaguard	2	20	1	8229	1.09	43.2	19.8	1705	2885
Kern	Mission#5	Nemaguard	2	51	1	9268	1.05	43.4	21.5	1847	3045
Kern	Mission#5	Nemaguard	2	59	1	12485	1.05	46.9	29.0	2493	3092
Kern	Mission#5	Nemaguard	2	53	1	10930	1.04	46.2	25.0	2153	3181
Kern	Mission#5	Nemaguard	2	15	1	8795	1.06	43.7	20.6	1769	3198

Kern	Mission#5	Nemaguard	2	61	1	95	1.08	42.2	22.7	1953	6
Kern	Mission#5	Nemaguard	2	57	1	112	1.07	46.8	26.5	2281	3611
Kern	Mission#5	Nemaguard	2	63	1	10309	1.02	43.8	23.2	1996	4240
Kern	Mission#5	Nemaguard	2	55	1	8547	1.15	46.0	21.6	1859	4363
Kern	Mission#5	Nemaguard	2	17	1	8638	1.13	49.7	21.5	1846	4395
Kern	Mission#5	Nemaguard	2	51	1	8411	1.06	46.4	19.6	1686	4731
Kern	Mission#5	Nemaguard	2	20	1	9871	1.04	48.4	22.5	1937	4823
Kern	Mission#5	Nemaguard	2	15	1	8192	1.09	46.2	19.7	1695	4892
Kern	Mission#5	Nemaguard	2	53	1	8187	1.14	44.5	20.5	1762	4943
Kern	Mission#5	Nemaguard	2	59	1	9181	1.10	47.2	22.2	1909	5001
Kern	Mission#5	Nemaguard	2	61	1	9538	1.14	51.9	23.9	2056	5372
Kern	Mission#5	Nemaguard	2	57	1	8807	1.11	47.9	21.5	1848	5460
Kern	Mission#5	Nemaguard	2	63	1	8756	1.07	46.2	20.6	1775	6014
Kern	Mission#5	Nemaguard	2	17	1	6985	1.04	44.8	16.0	1376	5771
Kern	Mission#5	Nemaguard	2	20	1	6945	1.02	44.3	15.6	1342	6164
Kern	Mission#5	Nemaguard	2	15	1	6738	1.04	43.7	15.4	1327	6220
Kern	Mission#5	Nemaguard	2	51	1	8551	0.98	43.4	18.5	1587	6319
Kern	Mission#5	Nemaguard	2	55	1	10438	1.02	44.0	23.5	2017	6380
Kern	Mission#5	Nemaguard	2	53	1	9224	1.00	47.2	20.3	1747	6690
Kern	Mission#5	Nemaguard	2	59	1	10544	1.04	43.0	24.2	2077	7079
Kern	Mission#5	Nemaguard	2	61	1	10041	1.04	47.3	23.0	1978	7350
Kern	Mission#5	Nemaguard	2	57	1	10659	1.02	46.4	23.9	2060	7519
Kern	Mission#5	Nemaguard	2	63	1	10475	1.04	44.8	24.0	2064	8078
Kern	Mission#5	Nemaguard	2	17	1	11267	1.34	.	33.2		5771
Kern	Mission#5	Nemaguard	2	20	1	8831	1.26	.	24.5		6164
Kern	Mission#5	Nemaguard	2	51	1	8848	1.28	.	24.9		6319
Kern	Mission#5	Nemaguard	2	55	1	11265	1.23	.	30.6		6380
Kern	Mission#5	Nemaguard	2	53	1	10614	1.23	.	28.8		6690
Kern	Mission#5	Nemaguard	2	59	1	8502	1.27	.	23.8		7079
Kern	Mission#5	Nemaguard	2	61	1	9553	1.25	.	26.2		7350
Kern	Mission#5	Nemaguard	2	15	1	8853	1.29	49.4	25.1	1239	7459
Kern	Mission#5	Nemaguard	2	57	1	10157	1.20	.	26.9		7519
Kern	Mission#5	Nemaguard	2	63	1	10165	1.25	.	27.9		8078
Kern	Mission#5	Nemaguard	2	17	1	8562	1.30	49.7	24.5	2108	7880
Kern	Mission#5	Nemaguard	2	51	1	9154	1.22	47.1	24.7	2122	8441
Kern	Mission#5	Nemaguard	2	20	1	10622	1.19	47.2	27.8	2390	8555
Kern	Mission#5	Nemaguard	2	55	1	10900	1.23	48.1	29.6	2544	8923
Kern	Mission#5	Nemaguard	2	53	1	11212	1.22	49.6	30.1	2587	9277
Kern	Mission#5	Nemaguard	2	59	1	10348	1.21	46.6	27.6	2372	9451
Kern	Mission#5	Nemaguard	2	15	1	8956	1.20	50.0	23.7	2039	9498
Kern	Mission#5	Nemaguard	2	61	1	10121	1.24	48.2	27.6	2373	9724
Kern	Mission#5	Nemaguard	2	57	1	10817	1.26	46.2	29.9	2574	10093
Kern	Mission#5	Nemaguard	2	63	1	9925	1.23	47.0	26.8	2305	10383
Kern	Mission#5	Nemaguard	2	63	1			.			10383
Kern	Mission#5	Nemaguard	2	51	1	18024	0.89	47.7	35.2	3025	11466
Kern	Mission#5	Nemaguard	2	17	1	20364	0.93	47.0	41.8	3595	11475
Kern	Mission#5	Nemaguard	2	20	1	21569	0.93	49.0	44.1	3792	12346
Kern	Mission#5	Nemaguard	2	15	1	18023	0.92	44.8	36.6	3148	12646
Kern	Mission#5	Nemaguard	2	53	1	19636	0.91	46.6	39.5	3400	12676
Kern	Mission#5	Nemaguard	2	55	1	21449	0.94	48.7	44.6	3836	12759

Kern	Mission#5	Nemaguard	2	59	1	216	0.92	47.7	43.7	3758	9
Kern	Mission#5	Nemaguard	2	61	1	220	0.89	48.5	43.2	3718	13442
Kern	Mission#5	Nemaguard	2	57	1	21030	0.93	46.5	43.0	3697	13790
Kern	Mission#5	Nemaguard	2	63	1	15561	1.09	45.3	37.3	3207	13590
Kern	Mission#5	Nemaguard	2	51	1	16652	1.08	45.5	39.7	3413	14879
Kern	Mission#5	Nemaguard	2	17	1	16866	1.09	43.1	40.5	3482	14957
Kern	Mission#5	Nemaguard	2	20	1	15932	1.07	47.0	37.6	3235	15582
Kern	Mission#5	Nemaguard	2	15	1	16483	1.08	44.0	39.4	3385	16030
Kern	Mission#5	Nemaguard	2	53	1	18061	1.03	44.8	41.1	3531	16207
Kern	Mission#5	Nemaguard	2	55	1	17949	1.15	47.8	45.5	3917	16676
Kern	Mission#5	Nemaguard	2	61	1	17258	1.12	46.9	42.7	3674	17116
Kern	Mission#5	Nemaguard	2	59	1	18928	1.09	49.3	45.4	3908	17117
Kern	Mission#5	Nemaguard	2	57	1	17551	1.09	45.2	42.1	3617	17407
Kern	Mission#5	Nemaguard	2	63	1	17462.8	1.0	44.6	37.2	3202	16792
Kern	Mission#5	Nemaguard	2	51	1	14177.7	0.9	42.7	27.4	2358	17237
Kern	Mission#5	Nemaguard	2	17	1	16080.0	1.0	41.8	33.6	2894	17851
Kern	Mission#5	Nemaguard	2	20	1	17958.7	0.9	42.5	34.9	3000	18582
Kern	Mission#5	Nemaguard	2	15	1	15814.9	0.9	40.9	31.6	2714	18745
Kern	Mission#5	Nemaguard	2	53	1	15375.5	0.9	39.4	30.3	2610	18817
Kern	Mission#5	Nemaguard	2	55	1	15123.8	0.9	45.7	31.3	2693	19369
Kern	Mission#5	Nemaguard	2	59	1	17738.7	0.9	42.3	36.9	3172	20289
Kern	Mission#5	Nemaguard	2	61	1	16338.7	1.0	47.3	37.1	3194	20310
Kern	Mission#5	Nemaguard	2	57	1	17613.6	0.9	40.2	35.5	3050	20457
Chico	Mission#2	Lovell	2	4	3	2671	1.02	42.0	6.0	384	384
Chico	Mission#2	Lovell	2	4	3	5560	1.19	44.3	14.5	931	1315
Chico	Mission#2	Lovell	2	4	3	4994	1.32	40.4	14.6	932	2247
Chico	Mission#2	Lovell	2	4	3	6635	1.08	43.2	15.8	1010	3257
Chico	Mission#2	Lovell	2	4	3	7645	1.19	.	20.0	1278	4536
Chico	Mission#2	Lovell	2	4	3	10585	1.12	43.4	26.2	1674	6210
Chico	Mission#2	Lovell	2	4	3	15633	1.04	45.9	35.9	2301	8511
Chico	Mission#2	Lovell	2	4	3	15040	1.20	45.3	39.8	2548	11059
Chico	Mission#2	Lovell	2	4	3	12442.8	1.1	39.5	29.9	1912	12971
Delta	Mission#2	Nemaguard	2	51	1	988	1.06	44.3	2.3	174	174
Delta	Mission#2	Nemaguard	2	51	1	4416	1.15	47.6	11.2	842	1016
Delta	Mission#2	Nemaguard	2	51	1	9904	1.20	51.2	26.3	1970	2985
Delta	Mission#2	Nemaguard	2	51	1	9556	1.16	46.8	24.4	1831	4817
Delta	Mission#2	Nemaguard	2	51	1	.	.	.	.		4817
Delta	Mission#2	Nemaguard	2	51	1	8336	1.20	46.3	22.1	1655	6472
Delta	Mission#2	Nemaguard	2	51	1	13657	1.08	50.3	32.6	2446	8918
Delta	Mission#2	Nemaguard	2	51	1	10094	1.18	49.1	26.1	1961	10879
Delta	Mission#2	Nemaguard	2	51	1	9582.9	1.2	45.0	24.9	1868	12747
Chico	Livingston	Lovell	3	5	1	2662	1.13	60.9	6.6	425	425
Chico	Livingston	Lovell	3	5	1	8250	1.25	68.4	22.6	1449	1874
Chico	Livingston	Lovell	3	5	1	7598	1.19	63.6	19.9	1275	3148
Chico	Livingston	Lovell	3	5	1	11810	1.06	58.9	27.6	1765	4913
Chico	Livingston	Lovell	3	5	1	8946	1.27	.	25.1	1607	6520
Chico	Livingston	Lovell	3	5	1	13724	1.18	58.8	35.7	2283	8803
Chico	Livingston	Lovell	3	5	1	15875	1.05	57.9	36.7	2350	11152
Chico	Livingston	Lovell	3	5	1	10456	1.22	56.8	28.1	1795	12948
Chico	Livingston	Lovell	3	5	1	13091.7	1.1	51.7	31.5	2015	14963

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Delta	Livingston	Nemaguard	3	52	1	31	1.18	68.9	1	73	3
Delta	Livingston	Nemaguard	3	52	1	320	1.27	70.7	9.1	683	756
Delta	Livingston	Nemaguard	3	52	1	8107	1.17	59.8	21.0	1572	2328
Delta	Livingston	Nemaguard	3	52	1	15575	1.08	66.7	37.1	2779	5107
Delta	Livingston	Nemaguard	3	52	1	8625	1.22	.	23.1	1736	6843
Delta	Livingston	Nemaguard	3	52	1	10653	1.21	57.3	28.4	2133	8976
Delta	Livingston	Nemaguard	3	52	1	15772	1.10	62.2	38.1	2856	11831
Delta	Livingston	Nemaguard	3	52	1	11280	1.19	61.9	29.5	2214	14045
Delta	Livingston	Nemaguard	3	52	1	10252.5	1.1	59.1	25.9	1941	15986
Kern	Livingston	Nemaguard	3	50	1	1331	1.28	63	3.8	323	323
Kern	Livingston	Nemaguard	3	50	1	3114	1.29	61.1	8.8	760	1083
Kern	Livingston	Nemaguard	3	50	1	9517	1.09	61.4	22.9	1972	3055
Kern	Livingston	Nemaguard	3	50	1	7282	1.27	70.5	20.3	1749	4804
Kern	Livingston	Nemaguard	3	50	1	16794	0.96	72.7	35.5	3054	7858
Kern	Livingston	Nemaguard	3	50	1	5752	1.48	.	18.7	1608	9466
Kern	Livingston	Nemaguard	3	50	1	8835	1.33	69.6	26.0	2233	11699
Kern	Livingston	Nemaguard	3	50	1	18157	1.06	61.0	42.6	3660	15358
Kern	Livingston	Nemaguard	3	50	1	21250	1.09	70.8	51.1	4396	19754
Kern	Livingston	Nemaguard	3	50	1	9586.5	1.2	65.1	25.3	2179	21933
Chico	KaparelIPA	PeachAlmond	3	14	2	257	1.09	74.0	0.6	39	39
Chico	KaparelIPA	PeachAlmond	3	14	2	7325	0.92	71.1	14.8	948	987
Chico	KaparelIPA	PeachAlmond	3	14	2	874	1.09	80.0	2.1	134	1121
Chico	KaparelIPA	PeachAlmond	3	14	2	.	.	.	.		1121
Chico	KaparelIPA	PeachAlmond	3	14	2	6798	0.96	.	14.4	920	2041
Chico	KaparelIPA	PeachAlmond	3	14	2	11158	0.82	64.9	20.2	1293	3334
Chico	KaparelIPA	PeachAlmond	3	14	2	11322	0.78	61.8	19.4	1239	4573
Chico	KaparelIPA	PeachAlmond	3	14	2	9787	0.97	67.2	20.8	1333	5905
Chico	KaparelIPA	PeachAlmond	3	14	2	13401.0	0.9	68.4	26.1	1670	7575
Delta	KaparelIPA	PeachAlmond	3	26	1	.	.	.	.
Delta	KaparelIPA	PeachAlmond	3	26	1	.	.	.	.
Delta	KaparelIPA	PeachAlmond	3	26	1	.	.	.	.
Delta	KaparelIPA	PeachAlmond	3	26	1	.	.	.	.
Delta	KaparelIPA	PeachAlmond	3	26	1	1128	1.03	.	2.6	191	191
Delta	KaparelIPA	PeachAlmond	3	26	1	3859	0.77	58.5	6.5	490	681
Delta	KaparelIPA	PeachAlmond	3	26	1	.	.	.	.		681
Delta	KaparelIPA	PeachAlmond	3	26	1	.	.	.	.		681
Delta	KaparelIPA	PeachAlmond	3	26	1	.	.	.	.		681
Kern	KaparelIPA	PeachAlmond	3	24	1	.	.	.	.
Kern	KaparelIPA	PeachAlmond	3	24	1	.	.	.	.
Kern	KaparelIPA	PeachAlmond	3	24	1	.	.	.	.
Kern	KaparelIPA	PeachAlmond	3	24	1	3047	0.96	66.8	6.4	554	554
Kern	KaparelIPA	PeachAlmond	3	24	1	2695	0.96	69.2	5.7	490	1044
Kern	KaparelIPA	PeachAlmond	3	24	1	6800	0.82	66.1	12.3	1056	2100
Kern	KaparelIPA	PeachAlmond	3	24	1	3506	1.04	.	8.1	693	2794
Kern	KaparelIPA	PeachAlmond	3	24	1	7690	0.93	69.5	15.8	1355	4149
Kern	KaparelIPA	PeachAlmond	3	24	1	11377	0.92	67.8	23.2	1991	6140
Kern	KaparelIPA	PeachAlmond	3	24	1	9273	1.01	67.2	20.5	1767	7907
Kern	KaparelIPA	PeachAlmond	3	24	1	6480.0	0.9	67.2	13.1	1124	9031
Chico	Kaparel	Lovell	3	14	1	459	1.04	70.8	1.1	68	68
Chico	Kaparel	Lovell	3	14	1	8433	0.95	71.1	17.6	1129	1197
Chico	Kaparel	Lovell	3	14	1	1830	1.09	76.6	4.4	280	1477

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Chico	Kapareil	Lovell	3	14	1	83	0.80	65.6	14.7	941	8
Chico	Kapareil	Lovell	3	14	1	7403	0.99	.	16.1	1029	3448
Chico	Kapareil	Lovell	3	14	1	10971	0.88	71.1	21.3	1364	4812
Chico	Kapareil	Lovell	3	14	1	8872	0.87	70.0	17.1	1093	5905
Chico	Kapareil	Lovell	3	14	1	8312	0.97	69.6	17.8	1141	7046
Chico	Kapareil	Lovell	3	14	1	10647.4	0.9	68.5	20.2	1294	8340
Delta	Kapareil	Nemaguard	3	24	1	.	.	.	.
Delta	Kapareil	Nemaguard	3	24	1	2528	.	.	.		
Delta	Kapareil	Nemaguard	3	24	1	1263	0.88	68.3	2.4	183	183
Delta	Kapareil	Nemaguard	3	24	1	10093	0.72	70.6	16.0	1200	1383
Delta	Kapareil	Nemaguard	3	24	1	2747	1.07	.	6.5	485	1869
Delta	Kapareil	Nemaguard	3	24	1	9300	0.88	67.5	17.9	1346	3214
Delta	Kapareil	Nemaguard	3	24	1	4838	0.98	61.2	10.4	783	3998
Delta	Kapareil	Nemaguard	3	24	1	5201	0.99	70.0	11.3	851	4848
Delta	Kapareil	Nemaguard	3	24	1	5264.4	1.0	64.5	11.1	831	5680
Kern	Kapareil	Nemaguard	3	22	1	208	1.03	67	0.5	41	41
Kern	Kapareil	Nemaguard	3	22	1	590	0.98	64.7	1.3	110	151
Kern	Kapareil	Nemaguard	3	22	1	4206	0.92	66.3	8.5	733	884
Kern	Kapareil	Nemaguard	3	22	1	3514	1.01	73.4	7.8	670	1553
Kern	Kapareil	Nemaguard	3	22	1	11246	0.74	66.1	18.3	1576	3130
Kern	Kapareil	Nemaguard	3	22	1	3109	1.05	.	7.2	618	3748
Kern	Kapareil	Nemaguard	3	22	1	8507	0.92	67.6	17.3	1486	5234
Kern	Kapareil	Nemaguard	3	22	1	13927	0.76	72.6	23.4	2010	7244
Kern	Kapareil	Nemaguard	3	22	1	6706	1.00	68.9	14.8	1273	8517
Kern	Kapareil	Nemaguard	3	22	1	6705.7	0.8	68.5	12.4	1070	9587
Chico	Kahl	Lovell	3	19	1	1311	1.12	41.3	3.2	208	208
Chico	Kahl	Lovell	3	19	1	4582	1.04	37.8	10.5	672	879
Chico	Kahl	Lovell	3	19	1	7038	1.08	35.5	16.7	1070	1949
Chico	Kahl	Lovell	3	19	1	9226	1.00	42.0	20.3	1301	3250
Chico	Kahl	Lovell	3	19	1	6012	1.22	.	16.2	1034	4284
Chico	Kahl	Lovell	3	19	1	10076	1.05	42.5	23.3	1491	5775
Chico	Kahl	Lovell	3	19	1	8802	1.03	36.4	20.0	1280	7056
Chico	Kahl	Lovell	3	19	1	12999	1.14	44.9	32.8	2096	9152
Chico	Kahl	Lovell	3	19	1	7930.0	1.0	38.7	18.1	1160	10312
Delta	Kahl	Nemaguard	3	10	1	.	.	.	.
Delta	Kahl	Nemaguard	3	10	1	4742	0.97	45.6	10.1	757	757
Delta	Kahl	Nemaguard	3	10	1	8101	0.99	48.0	17.6	1320	2076
Delta	Kahl	Nemaguard	3	10	1	10103	1.10	47.0	24.5	1836	3912
Delta	Kahl	Nemaguard	3	10	1	9471	1.03	.	21.4	1605	5517
Delta	Kahl	Nemaguard	3	10	1	7383	1.02	41.5	16.6	1246	6764
Delta	Kahl	Nemaguard	3	10	1	9986	1.08	50.2	23.7	1778	8542
Delta	Kahl	Nemaguard	3	10	1	7848	1.13	50.5	19.5	1462	10004
Delta	Kahl	Nemaguard	3	10	1	7955.1	1.6	67.2	27.4	2058	12062
Kern	Kahl	Nemaguard	3	8	1	1430	1.416	53	4.5	383	383
Kern	Kahl	Nemaguard	3	8	1	6321	1.10	45.4	15.3	1319	1703
Kern	Kahl	Nemaguard	3	8	1	9260	1.06	47.1	21.5	1852	3555
Kern	Kahl	Nemaguard	3	8	1	8020	1.11	59.0	19.6	1683	5239
Kern	Kahl	Nemaguard	3	8	1	10816	0.94	43.9	22.4	1926	7165
Kern	Kahl	Nemaguard	3	8	1	11859	1.20	.	31.3	2696	9860
Kern	Kahl	Nemaguard	3	8	1	12156	1.14	54.0	30.6	2634	12494

Kern	Kahl	Nemaguard	3	8	1	1523	1.00	51.5	33.4	2874	1
Kern	Kahl	Nemaguard	3	8	1	1551	1.06	55.8	36.2	3115	1843
Kern	Kahl	Nemaguard	3	8	1	12589.8	1.0	47.3	27.7	2385	20868
Chico	Johlyn	Lovell	3	21	2	3062	1.24	67.3	8.4	537	537
Chico	Johlyn	Lovell	3	21	2	6750	1.10	68.2	16.4	1047	1584
Chico	Johlyn	Lovell	3	21	2	5293	1.40	70.0	16.3	1046	2630
Chico	Johlyn	Lovell	3	21	2	13006	1.02	68.9	29.2	1870	4500
Chico	Johlyn	Lovell	3	21	2	8688	1.30	.	24.9	1595	6094
Chico	Johlyn	Lovell	3	21	2	9607	1.08	65.3	22.8	1457	7552
Chico	Johlyn	Lovell	3	21	2	13061	1.11	68.7	31.8	2036	9588
Chico	Johlyn	Lovell	3	21	2	10478	1.26	64.1	29.1	1864	11452
Chico	Johlyn	Lovell	3	21	2	9414.5	1.1	72.3	23.3	1494	12947
Delta	Johlyn	Nemaguard	3	4	1	.	.	.	.	.	.
Delta	Johlyn	Nemaguard	3	4	1	3403	1.13	78.1	8.5	634	634
Delta	Johlyn	Nemaguard	3	4	1	5012	1.20	75.1	13.3	997	1631
Delta	Johlyn	Nemaguard	3	4	1	7881	1.16	72.5	20.1	1510	3141
Delta	Johlyn	Nemaguard	3	4	1	5472	1.38	.	16.6	1246	4387
Delta	Johlyn	Nemaguard	3	4	1	5806	1.24	73.7	15.8	1188	5574
Delta	Johlyn	Nemaguard	3	4	1	9159	1.20	71.3	24.3	1822	7396
Delta	Johlyn	Nemaguard	3	4	1	6839	1.20	69.8	18.1	1356	8752
Delta	Johlyn	Nemaguard	3	4	1	6189.4	1.3	74.2	17.3	1297	10049
Kern	Johlyn	Nemaguard	3	4	1	1135	1.352	70	3.4	291	291
Kern	Johlyn	Nemaguard	3	4	1	5443	1.18	67.0	14.2	1221	1512
Kern	Johlyn	Nemaguard	3	4	1	10109	1.15	66.5	25.5	2195	3706
Kern	Johlyn	Nemaguard	3	4	1	8763	1.17	73.8	22.5	1936	5642
Kern	Johlyn	Nemaguard	3	4	1	5660	1.20	65.9	15.0	1287	6928
Kern	Johlyn	Nemaguard	3	4	1	7803	1.41	.	24.2	2084	9012
Kern	Johlyn	Nemaguard	3	4	1	9348	1.31	68.4	26.9	2313	11325
Kern	Johlyn	Nemaguard	3	4	1	15795	1.15	69.3	40.1	3453	14778
Kern	Johlyn	Nemaguard	3	4	1	11758	1.30	68.0	33.7	2900	17678
Kern	Johlyn	Nemaguard	3	4	1	13965.3	1.1	68.1	35.3	3037	20715
Chico	Jiml	Lovell	3	8	1	1346	1.38	55.6	4.1	262	262
Chico	Jiml	Lovell	3	8	1	4601	1.35	60.8	13.6	873	1134
Chico	Jiml	Lovell	3	8	1	3908	1.34	57.5	11.5	738	1873
Chico	Jiml	Lovell	3	8	1	9820	1.18	56.7	25.5	1633	3506
Chico	Jiml	Lovell	3	8	1	9773	1.41	.	30.4	1948	5454
Chico	Jiml	Lovell	3	8	1	9000	1.17	60.4	23.2	1484	6939
Chico	Jiml	Lovell	3	8	1	14805	1.14	59.4	37.0	2371	9309
Chico	Jiml	Lovell	3	8	1	3567	1.43	57.0	11.3	720	10030
Chico	Jiml	Lovell	3	8	1	10865.8	1.1	64.5	26.3	1682	11711
Delta	Jiml	Nemaguard	3	42	1	.	.	.	.	.	.
Delta	Jiml	Nemaguard	3	42	1	2865	1.13	75.0	7.1	534	534
Delta	Jiml	Nemaguard	3	42	1	3546	1.27	75.6	9.9	744	1278
Delta	Jiml	Nemaguard	3	42	1	13092	1.16	63.0	33.5	2509	3787
Delta	Jiml	Nemaguard	3	42	1	5104	1.30	.	14.6	1098	4885
Delta	Jiml	Nemaguard	3	42	1	6317	1.13	60.4	15.7	1179	6064
Delta	Jiml	Nemaguard	3	42	1	11093	1.26	58.1	30.8	2313	8376
Delta	Jiml	Nemaguard	3	42	1	4382	1.28	60.3	12.4	927	9303
Delta	Jiml	Nemaguard	3	42	1	5923.5	1.3	64.7	16.9	1264	10567
Kern	Jiml	Nemaguard	3	40	1	396	1.432	63	1.2	107	107

Kern	Jiml	Nemaguard	3	40	1	237	1.39	61.0	7.3	626	
Kern	Jiml	Nemaguard	3	40	1	632	1.31	63.5	18.2	1565	2238
Kern	Jiml	Nemaguard	3	40	1	7858	1.27	61.4	21.9	1887	4185
Kern	Jiml	Nemaguard	3	40	1	7552	1.14	55.9	19.0	1631	5816
Kern	Jiml	Nemaguard	3	40	1	6735	1.60	.	23.7	2039	7855
Kern	Jiml	Nemaguard	3	40	1	4750	1.55	70.5	16.2	1391	9246
Kern	Jiml	Nemaguard	3	40	1	21429	1.06	61.8	49.8	4287	13533
Kern	Jiml	Nemaguard	3	40	1	8104	1.39	64.0	24.8	2137	15670
Kern	Jiml	Nemaguard	3	40	1	11661.7	1.1	63.3	27.9	2403	18073
Chico	Jenette	Lovell	3	21	3	1363	1.45	67.2	4.4	279	279
Chico	Jenette	Lovell	3	21	3	5024	1.23	67.1	13.6	868	1148
Chico	Jenette	Lovell	3	21	3	3350	1.42	67.7	10.5	672	1820
Chico	Jenette	Lovell	3	21	3	8315	1.20	67.4	22.0	1407	3227
Chico	Jenette	Lovell	3	21	3	10641	1.29	.	30.2	1932	5159
Chico	Jenette	Lovell	3	21	3	7263	1.26	62.9	20.2	1290	6449
Chico	Jenette	Lovell	3	21	3	12128	1.13	68.1	30.3	1939	8388
Chico	Jenette	Lovell	3	21	3	8896	1.33	60.7	26.1	1670	10058
Chico	Jenette	Lovell	3	21	3	12736.2	1.1	60.4	30.7	1964	12022
Delta	Jenette	Nemaguard	3	8	1	1014	1.35	70.9	3	226	226
Delta	Jenette	Nemaguard	3	8	1	7930	1.00	68.8	17.5	1313	1539
Delta	Jenette	Nemaguard	3	8	1	7579	1.22	71.8	20.4	1530	3069
Delta	Jenette	Nemaguard	3	8	1	12390	1.26	73.3	34.4	2579	5648
Delta	Jenette	Nemaguard	3	8	1	7311	1.38	.	22.2	1667	7314
Delta	Jenette	Nemaguard	3	8	1	9735	1.20	66.6	25.7	1927	9241
Delta	Jenette	Nemaguard	3	8	1	8458	1.28	68.2	23.8	1783	11024
Delta	Jenette	Nemaguard	3	8	1	8760	1.18	67.5	22.8	1713	12737
Delta	Jenette	Nemaguard	3	8	1	10405.6	1.3	75.3	29.7	2228	14965
Kern	Jenette	Nemaguard	3	6	1	1040	1.492	73	3.4	294	294
Kern	Jenette	Nemaguard	3	6	1	3944	1.27	61.5	11.1	952	1246
Kern	Jenette	Nemaguard	3	6	1	14413	1.13	68.7	35.9	3085	4331
Kern	Jenette	Nemaguard	3	6	1	5577	1.49	73.5	18.3	1574	5905
Kern	Jenette	Nemaguard	3	6	1	14801	0.96	65.8	31.3	2692	8596
Kern	Jenette	Nemaguard	3	6	1	10842	1.37	.	32.7	2810	11406
Kern	Jenette	Nemaguard	3	6	1	17985	1.23	77.0	48.6	4177	15583
Kern	Jenette	Nemaguard	3	6	1	13966	1.08	60.2	33.3	2862	18445
Kern	Jenette	Nemaguard	3	6	1	15415	1.25	73.6	42.3	3638	22084
Kern	Jenette	Nemaguard	3	6	1	12827.0	1.1	63.0	32.2	2765	24849
Delta	Fritz	Nemaguard	3	40	1	707	1.15	54.7	1.8	134	134
Delta	Fritz	Nemaguard	3	40	1	9946	1.03	56.8	22.6	1692	1826
Delta	Fritz	Nemaguard	3	40	1	8707	1.07	50.7	20.5	1539	3365
Delta	Fritz	Nemaguard	3	40	1	11276	1.12	55.4	27.8	2086	5451
Delta	Fritz	Nemaguard	3	40	1	12302	1.00	.	27.0	2024	7475
Delta	Fritz	Nemaguard	3	40	1	9272	1.08	53.4	22.0	1648	9124
Delta	Fritz	Nemaguard	3	40	1	15076	1.06	60.4	35.3	2645	11769
Delta	Fritz	Nemaguard	3	40	1	9490	1.16	53.7	24.2	1819	13587
Delta	Fritz	Nemaguard	3	40	1	8498.3	1.1	55.0	20.3	1519	15106
Kern	Fritz	Nemaguard	3	38	1	.	.	.	.	.
Kern	Fritz	Nemaguard	3	38	1	6474	1.03	51.5	14.7	1261	1261
Kern	Fritz	Nemaguard	3	38	1	8262	1.09	52.2	19.8	1706	2966
Kern	Fritz	Nemaguard	3	38	1	11912	0.99	56.0	26.0	2234	5200

Kern	Fritz	Nemaguard	3	38	1	975	0.92	53.5	19.8	1700	
Kern	Fritz	Nemaguard	3	38	1	13561	1.09	.	32.6	2805	9,03
Kern	Fritz	Nemaguard	3	38	1	15753	1.07	54.5	37.2	3199	12904
Kern	Fritz	Nemaguard	3	38	1	20471	0.89	56.4	40.1	3451	16355
Kern	Fritz	Nemaguard	3	38	1	14884	1.06	54.8	34.9	3000	19355
Kern	Fritz	Nemaguard	3	38	1	16373.6	0.9	55.8	32.8	2822	22178
Delta	DottieWon	Nemaguard	3	6	1	558	1.09	46.4	1.3	100	100
Delta	DottieWon	Nemaguard	3	6	1	8951	0.87	51.2	17.2	1287	1387
Delta	DottieWon	Nemaguard	3	6	1	9904	1.07	53.0	23.4	1757	3144
Delta	DottieWon	Nemaguard	3	6	1	9518	1.06	53.0	22.2	1667	4811
Delta	DottieWon	Nemaguard	3	6	1	12991	0.99	.	28.4	2133	6944
Delta	DottieWon	Nemaguard	3	6	1	11914	1.03	53.6	26.9	2019	8963
Delta	DottieWon	Nemaguard	3	6	1	14221	0.98	52.9	30.7	2302	11265
Delta	DottieWon	Nemaguard	3	6	1	14506	0.96	46.9	30.5	2291	13556
Delta	DottieWon	Nemaguard	3	6	1	9212.5	1.1	50.3	22.5	1686	15243
Chico	Donna	Lovell	3	8	2	292	1.296	60	0.8	53	53
Chico	Donna	Lovell	3	8	2	3592	1.15	55.6	9.1	582	635
Chico	Donna	Lovell	3	8	2	5920	1.09	52.6	14.3	913	1548
Chico	Donna	Lovell	3	8	2	4153	1.22	51.3	11.1	712	2260
Chico	Donna	Lovell	3	8	2	7565	0.94	46.5	15.7	1003	3263
Chico	Donna	Lovell	3	8	2	8354	1.07	.	19.6	1255	4518
Chico	Donna	Lovell	3	8	2	7226	1.10	51.6	17.5	1118	5637
Chico	Donna	Lovell	3	8	2	9745	0.94	52.0	20.2	1294	6931
Chico	Donna	Lovell	3	8	2	4749	1.43	55.6	15.0	957	7888
Chico	Donna	Lovell	3	8	2	12204.0	1.0	53.2	26.7	1707	9595
Delta	Donna	Nemaguard	3	44	1	778	1.31	67.8	2.2	169	169
Delta	Donna	Nemaguard	3	44	1	6724	0.90	55.8	13.3	1000	1169
Delta	Donna	Nemaguard	3	44	1	4794	1.25	61.2	13.2	990	2159
Delta	Donna	Nemaguard	3	44	1	8441	1.00	53.2	18.6	1394	3553
Delta	Donna	Nemaguard	3	44	1	6092	1.15	.	15.4	1153	4706
Delta	Donna	Nemaguard	3	44	1	5931	1.16	52.7	15.2	1137	5843
Delta	Donna	Nemaguard	3	44	1	8447	1.09	53.0	20.2	1515	7358
Delta	Donna	Nemaguard	3	44	1	7394	1.26	60.5	20.5	1539	8897
Delta	Donna	Nemaguard	3	44	1	7054.3	1.1	48.7	16.8	1261	10158
Kern	Donna	Nemaguard	3	42	1	1446	1.182	53	3.8	324	324
Kern	Donna	Nemaguard	3	42	1	5414	0.91	45.0	10.9	935	1259
Kern	Donna	Nemaguard	3	42	1	3791	1.07	52.6	8.9	766	2025
Kern	Donna	Nemaguard	3	42	1	4865	1.04	50.8	11.1	955	2979
Kern	Donna	Nemaguard	3	42	1	6719	0.84	48.8	12.4	1069	4048
Kern	Donna	Nemaguard	3	42	1	11108	1.08	.	26.5	2281	6329
Kern	Donna	Nemaguard	3	42	1	6928	1.18	62.3	18.0	1549	7878
Kern	Donna	Nemaguard	3	42	1	7819	1.04	64.4	17.9	1540	9418
Kern	Donna	Nemaguard	3	42	1	12566	0.93	55.0	25.8	2218	11637
Kern	Donna	Nemaguard	3	42	1	7976.0	0.9	45.9	15.5	1336	12973
Chico	Chips	Lovell	3	21	1	2060	1.18	52.0	5.4	344	344
Chico	Chips	Lovell	3	21	1	5395	1.07	54.1	12.8	817	1161
Chico	Chips	Lovell	3	21	1	6920	1.22	56.7	18.6	1188	2349
Chico	Chips	Lovell	3	21	1	7773	0.94	56.0	16.1	1030	3379
Chico	Chips	Lovell	3	21	1	8696	1.17	.	22.4	1434	4813
Chico	Chips	Lovell	3	21	1	9881	1.07	52.8	23.3	1490	6304

Chico	Chips	Lovell	3	21	1	1649	1.37	69.7	49.9	3195	
Chico	Chips	Lovell	3	21	1	12359	1.18	54.3	32.2	2063	11301
Chico	Chips	Lovell	3	21	1	13081.8	1.1	52.1	30.9	1977	13538
Delta	Chips	Nemaguard	3	2	1	2136	1.19	59.7	5.6	420	420
Delta	Chips	Nemaguard	3	2	1	5890	0.95	55.9	12.3	920	1340
Delta	Chips	Nemaguard	3	2	1	9803	1.11	57.9	24.0	1798	3138
Delta	Chips	Nemaguard	3	2	1	12419	1.04	59.8	28.4	2134	5272
Delta	Chips	Nemaguard	3	2	1	10112	1.09	.	24.4	1828	7099
Delta	Chips	Nemaguard	3	2	1	7149	1.24	58.5	19.5	1464	8564
Delta	Chips	Nemaguard	3	2	1	11795	1.18	60.6	30.7	2299	10863
Delta	Chips	Nemaguard	3	2	1	11507	1.18	44.8	29.9	2243	13106
Delta	Chips	Nemaguard	3	2	1	8261.6	1.2	55.9	21.5	1613	14719
Kern	Chips	Nemaguard	3	2	1	1507	1.404	56	4.7	401	401
Kern	Chips	Nemaguard	3	2	1	4664	1.00	50.4	10.3	882	1282
Kern	Chips	Nemaguard	3	2	1	1292	0.87	55.5	2.5	187	1469
Kern	Chips	Nemaguard	3	2	1	9044	1.17	60.6	23.3	2004	3473
Kern	Chips	Nemaguard	3	2	1	9208	0.98	59.0	19.9	1709	5183
Kern	Chips	Nemaguard	3	2	1	13825	1.19	.	36.1	3106	8289
Kern	Chips	Nemaguard	3	2	1	11126	1.15	64.6	28.1	2419	10708
Kern	Chips	Nemaguard	3	2	1	15842	0.97	66.3	33.8	2905	13613
Kern	Chips	Nemaguard	3	2	1	14092	1.05	58.9	32.5	2798	16410
Kern	Chips	Nemaguard	3	2	1	10111.5	1.0	58.9	22.5	1935	18345
Chico	Carmel	Lovell	3	10	3	486	1.5	65	1.6	103	103
Chico	Carmel	Lovell	3	10	3	4272	1.23	53.2	11.6	741	844
Chico	Carmel	Lovell	3	10	3	6632	1.33	56.3	19.4	1240	2083
Chico	Carmel	Lovell	3	10	3	6563	1.36	54.5	19.7	1260	3343
Chico	Carmel	Lovell	3	10	3	10052	1.20	56.6	26.6	1700	5044
Chico	Carmel	Lovell	3	10	3	9984	1.37	.	30.2	1934	6977
Chico	Carmel	Lovell	3	10	3	12994	1.13	52.4	32.3	2070	9047
Chico	Carmel	Lovell	3	10	3	15557	1.06	50.7	36.3	2320	11368
Chico	Carmel	Lovell	3	10	3	13726	1.20	53.4	36.4	2330	13697
Chico	Carmel	Lovell	3	10	3	18088.7	1.1	53.0	44.2	2830	16528
Delta	Carmel	Nemaguard	3	46	1	491	1.41	64.9	1.5	114	114
Delta	Carmel	Nemaguard	3	46	1	10997	1.16	60.4	28.1	2111	2225
Delta	Carmel	Nemaguard	3	46	1	9213	1.24	61.2	25.2	1893	4118
Delta	Carmel	Nemaguard	3	46	1	13154	1.24	58.5	35.9	2695	6813
Delta	Carmel	Nemaguard	3	46	1	12096	1.27	.	33.8	2538	9351
Delta	Carmel	Nemaguard	3	46	1	11220	1.19	58.2	29.4	2206	11556
Delta	Carmel	Nemaguard	3	46	1	13763	1.19	62.3	36.0	2697	14253
Delta	Carmel	Nemaguard	3	46	1	9025	1.25	56.2	24.8	1861	16113
Delta	Carmel	Nemaguard	3	46	1	9423.5	1.3	62.0	26.6	1993	18106
Kern	Carmel	Nemaguard	3	44	1	2236	1.496	66	7.4	634	634
Kern	Carmel	Nemaguard	3	44	1	5038	1.32	55.0	14.6	1260	1893
Kern	Carmel	Nemaguard	3	44	1	8209	1.25	60.8	22.6	1944	3837
Kern	Carmel	Nemaguard	3	44	1	6226	1.21	67.3	16.6	1427	5264
Kern	Carmel	Nemaguard	3	44	1	5881	1.22	54.5	15.8	1359	6623
Kern	Carmel	Nemaguard	3	44	1	9382	1.43	.	29.5	2534	9157
Kern	Carmel	Nemaguard	3	44	1	16206	1.24	62.6	44.4	3819	12976
Kern	Carmel	Nemaguard	3	44	1	17451	1.03	59.8	39.5	3398	16375
Kern	Carmel	Nemaguard	3	44	1	11306	1.24	63.2	30.8	2651	19026

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Kern	Carmel	Nemaguard	3	44	1	13285	1.1	58.9	32.3	2778	2
Chico	Butte1M	Lovell	3	1	2	3125	1.01	54.0	6.9	443	400
Chico	Butte1M	Lovell	3	1	2	8369	0.99	54.4	18.3	1169	1657
Chico	Butte1M	Lovell	3	1	2	11664	0.94	48.1	24.2	1549	3206
Chico	Butte1M	Lovell	3	1	2	10711	0.93	47.9	21.9	1404	4610
Chico	Butte1M	Lovell	3	1	2	11247	0.95	.	23.6	1509	6120
Chico	Butte1M	Lovell	3	1	2	14303	0.88	49.0	27.6	1766	7886
Chico	Butte1M	Lovell	3	1	2	15864	0.93	50.6	32.4	2071	9957
Chico	Butte1M	Lovell	3	1	2	11698	1.01	50.0	25.9	1659	11616
Chico	Butte1M	Lovell	3	1	2	.	.	.	.		11616
Chico	Butte1E	Lovell	3	1	3	.	.	.	.	.	.
Chico	Butte1E	Lovell	3	1	3	.	.	.	.	.	.
Chico	Butte1E	Lovell	3	1	3	.	.	.	.	.	.
Chico	Butte1E	Lovell	3	1	3	.	.	.	.	.	.
Chico	Butte1E	Lovell	3	1	3	.	0.97	.	.	.	.
Chico	Butte1E	Lovell	3	1	3	12892	0.90	47.9	25.7	1643	1643
Chico	Butte1E	Lovell	3	1	3	14603	0.94	44.5	30.2	1931	3574
Chico	Butte1E	Lovell	3	1	3	12097	1.03	44.9	27.4	1756	5330
Chico	Butte1E	Lovell	3	1	3	.	.	.	.	.	5330
Chico	Butte1M	Lovell	3	1	2	278	1.16	64	0.7	45	45
Delta	Butte	Nemaguard	3	50	1	1857	1.07	56	4.4	328	328
Delta	Butte	Nemaguard	3	50	1	11095	0.89	56.8	21.8	1631	1959
Delta	Butte	Nemaguard	3	50	1	13058	0.96	56.8	27.7	2075	4034
Delta	Butte	Nemaguard	3	50	1	15988	1.00	58.1	35.2	2641	6676
Delta	Butte	Nemaguard	3	50	1	14141	0.96	.	29.9	2243	8918
Delta	Butte	Nemaguard	3	50	1	13713	1.02	52.0	30.8	2311	11229
Delta	Butte	Nemaguard	3	50	1	15375	0.97	56.3	32.8	2459	13688
Delta	Butte	Nemaguard	3	50	1	17661	0.98	54.4	38.2	2865	16553
Delta	Butte	Nemaguard	3	50	1	11898.2	0.8	42.0	21.3	1596	18149
Kern	Butte	Nemaguard	3	48	1	1668	1.192	65	4.4	377	377
Kern	Butte	Nemaguard	3	48	1	7628	0.94	54.6	15.9	1364	1741
Kern	Butte	Nemaguard	3	48	1	14080	0.90	54.5	27.9	2400	4141
Kern	Butte	Nemaguard	3	48	1	13711	0.91	53.2	27.4	2353	6494
Kern	Butte	Nemaguard	3	48	1	9798	0.90	51.7	19.4	1670	8165
Kern	Butte	Nemaguard	3	48	1	5130	1.21	.	13.7	1178	9342
Kern	Butte	Nemaguard	3	48	1	18322	0.98	54.9	39.5	3401	12743
Kern	Butte	Nemaguard	3	48	1	25837	0.84	56.9	47.7	4101	16845
Kern	Butte	Nemaguard	3	48	1	24081	0.97	63.9	51.7	4443	21288
Kern	Butte	Nemaguard	3	48	1	17506.2	0.9	49.5	33.4	2872	24159
Chico	Aldrich	Lovell	3	10	1	1660	1.18	54.5	4.3	275	275
Chico	Aldrich	Lovell	3	10	1	12586	1.02	55.2	28.3	1813	2088
Chico	Aldrich	Lovell	3	10	1	6167	1.16	54.9	15.7	1005	3093
Chico	Aldrich	Lovell	3	10	1	10477	0.94	54.0	21.7	1388	4482
Chico	Aldrich	Lovell	3	10	1	9186	1.15	.	23.3	1494	5976
Chico	Aldrich	Lovell	3	10	1	11683	1.01	50.1	26.0	1663	7639
Chico	Aldrich	Lovell	3	10	1	23382	0.89	54.8	45.6	2920	10560
Chico	Aldrich	Lovell	3	10	1	9566	1.15	53.1	24.1	1545	12105
Chico	Aldrich	Lovell	3	10	1	.	.	.	.		12105
Delta	Aldrich	Nemaguard	3	36	1	189	1.09	56.9	0.5	34	34
Delta	Aldrich	Nemaguard	3	36	1	6300	0.90	55.6	12.5	937	971

Delta	Aldrich	Nemaguard	3	36	1	321	1.20	56.4	8.5	636	
Delta	Aldrich	Nemaguard	3	36	1	12872	1.02	56.7	28.9	2169	3113
Delta	Aldrich	Nemaguard	3	36	1	4425	1.23	.	12.0	902	4677
Delta	Aldrich	Nemaguard	3	36	1	7504	1.05	51.0	17.4	1307	5984
Delta	Aldrich	Nemaguard	3	36	1	9539	1.09	61.5	23.0	1724	7708
Delta	Aldrich	Nemaguard	3	36	1	7365	1.09	56.4	17.7	1329	9037
Delta	Aldrich	Nemaguard	3	36	1	5905.3	1.1	59.6	14.9	1116	10153
Kern	Aldrich	Nemaguard	3	34	1	1797	1.24	60	4.9	422	422
Kern	Aldrich	Nemaguard	3	34	1	2030	1.19	62.5	5.3	459	881
Kern	Aldrich	Nemaguard	3	34	1	12739	0.92	60.2	25.9	2230	3111
Kern	Aldrich	Nemaguard	3	34	1	5844	1.17	56.6	15.1	1295	4406
Kern	Aldrich	Nemaguard	3	34	1	20391	0.76	50.7	34.1	2936	7342
Kern	Aldrich	Nemaguard	3	34	1	5936	1.25	.	16.4	1410	8752
Kern	Aldrich	Nemaguard	3	34	1	15443	1.10	62.9	37.6	3230	11981
Kern	Aldrich	Nemaguard	3	34	1	28551	0.85	63.6	53.2	4576	16557
Kern	Aldrich	Nemaguard	3	34	1	11052	1.19	64.0	29.0	2491	19048
Kern	Aldrich	Nemaguard	3	34	1	17595.5	1.0	59.8	36.9	3173	22221
Chico	25-75	Lovell	3	1	1	2502	0.87	56.3	4.8	308	308
Chico	25-75	Lovell	3	1	1	5097	0.93	58.0	10.4	668	977
Chico	25-75	Lovell	3	1	1	6510	0.89	52.3	12.7	815	1791
Chico	25-75	Lovell	3	1	1	9100	0.86	54.4	17.2	1103	2895
Chico	25-75	Lovell	3	1	1	14504	0.93	54.2	29.8	1910	4804
Chico	25-75	Lovell	3	1	1	11796	0.86	52.8	22.4	1433	6238
Chico	25-75	Lovell	3	1	1	16564	0.79	52.9	28.7	1835	8073
Chico	25-75	Lovell	3	1	1	5638	0.91	59.3	11.3	722	8795
Chico	25-75	Lovell	3	1	1	.	.	.	.		8795
Delta	25-75	Nemaguard	3	65	1	8628	1.00	74.0	0.8	62	62
Delta	25-75	Nemaguard	3	64	1	18000	1.06	61.4	1.2	88	88
Delta	25-75	Nemaguard	3	65	1	1292	0.87	55.5	2.5	187	249
Delta	25-75	Nemaguard	3	64	1	1293	0.92	63.9	2.6	196	284
Delta	25-75	Nemaguard	3	65	1	4385	0.92	64.0	8.9	665	914
Delta	25-75	Nemaguard	3	64	1	4286	0.92	62.7	8.7	654	938
Delta	25-75	Nemaguard	3	64	1	3564	0.92	60.5	7.2	542	1456
Kern	25-75	Nemaguard	3	62	1	1049	0.838	59	1.9	167	167
Kern	25-75	Nemaguard	3	62	1	5293	0.81	57.0	9.4	808	975
Kern	25-75	Nemaguard	3	62	1	6836	0.91	61.3	13.8	1184	2158
Kern	25-75	Nemaguard	3	62	1	6573	0.91	57.7	13.2	1138	3296
Kern	25-75	Nemaguard	3	62	1	9016	0.76	52.1	15.1	1298	4594
Kern	25-75	Nemaguard	3	62	1	12127	0.90	59.1	24.1	2072	6666
Kern	25-75	Nemaguard	3	62	1	11972	0.95	69.7	25.0	2150	8816
Kern	25-75	Nemaguard	3	62	1	12043	0.90	62.7	23.8	2044	10860
Kern	25-75	Nemaguard	3	62	1	10251	0.94	56.9	21.3	1833	12693
Kern	25-75	Nemaguard	3	62	1	13440.2	0.8	46.4	24.3	2088	14781
Chico	2-43W	Lovell	3	17	3	1957	1.12	59.7	4.8	309	309
Chico	2-43W	Lovell	3	17	3	10625	1.08	60.3	25.2	1615	1924
Chico	2-43W	Lovell	3	17	3	6801	1.13	60.1	16.9	1081	3005
Chico	2-43W	Lovell	3	17	3	11285	0.96	51.1	23.9	1527	4532
Chico	2-43W	Lovell	3	17	3	12008	1.03	53.2	27.2	1740	6272
Chico	2-43W	Lovell	3	17	3		6272
Chico	2-43W	Lovell	3	17	3		6272

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Chico	2-43W	Lovell	3	17	3	62.2
Chico	2-43W	Lovell	3	17	3	
Delta	2-43W	Nemaguard	3	18	1	
Delta	2-43W	Nemaguard	3	18	1	.	.	.	.	.
Delta	2-43W	Nemaguard	3	18	1	4359	1.08	66.6	10.4	776	776
Delta	2-43W	Nemaguard	3	18	1	6973	1.04	62.7	16.0	1198	1974
Delta	2-43W	Nemaguard	3	18	1	3095	1.24	62.0	8.4	632	2606
Delta	2-43W	Nemaguard	3	18	1	4089	1.14	71.2	10.2	767	3373
Delta	2-43W	Nemaguard	3	18	1	6349	1.27	53.8	17.8	1334	4708
Delta	2-43W	Nemaguard	3	18	1	6176	1.15	61.0	15.7	1177	5885
Delta	2-43W	Nemaguard	3	18	1	.	.	.	.	.	5885
Kern	2-43W	Nemaguard	3	16	1	1789	1.406	67	5.5	477	477
Kern	2-43W	Nemaguard	3	16	1	5043	1.08	58.3	12.0	1028	1504
Kern	2-43W	Nemaguard	3	16	1	10241	1.06	59.4	23.9	2056	3561
Kern	2-43W	Nemaguard	3	16	1	7945	1.19	60.9	20.9	1794	5355
Kern	2-43W	Nemaguard	3	16	1	8164	0.98	53.3	17.6	1516	6870
Kern	2-43W	Nemaguard	3	16	1	4578	1.45	.	14.6	1254	8124
Kern	2-43W	Nemaguard	3	16	1	7089	1.14	60.7	17.7	1526	9650
Kern	2-43W	Nemaguard	3	16	1	22326	0.94	64.7	46.1	3967	13617
Kern	2-43W	Nemaguard	3	16	1	11608	1.22	66.4	31.2	2683	16299
Kern	2-43W	Nemaguard	3	16	1	9798.8	1.1	59.7	23.4	2016	18315
Chico	2-19E	Lovell	3	3	1	1817	1.08	46.3	4.3	276	276
Chico	2-19E	Lovell	3	3	1	9163	1.01	51.2	20.3	1299	1576
Chico	2-19E	Lovell	3	3	1	2894	1.11	43.7	7.1	454	2029
Chico	2-19E	Lovell	3	3	1	10840	0.88	47.8	21.0	1345	3374
Chico	2-19E	Lovell	3	3	1	5707	1.13	46.4	14.2	906	4280
Chico	2-19E	Lovell	3	3	1	13478	0.96	50.8	28.6	1828	6108
Chico	2-19E	Lovell	3	3	1	6910	0.99	43.7	15.1	964	7072
Chico	2-19E	Lovell	3	3	1	14465	0.99	46.2	31.6	2023	9095
Chico	2-19E	Lovell	3	3	1	8727.3	1.0	43.9	18.3	1171	10266
Delta	2-19E	Nemaguard	3	58	1	.	.	.	.	.
Delta	2-19E	Nemaguard	3	58	1	3138	0.97	55.7	6.7	503	503
Delta	2-19E	Nemaguard	3	58	1	2998	1.02	50.0	6.8	507	1010
Delta	2-19E	Nemaguard	3	58	1	5770	1.06	58.2	13.5	1010	2020
Delta	2-19E	Nemaguard	3	58	1	4306	1.27	63.1	12.0	903	2924
Delta	2-19E	Nemaguard	3	58	1	5437	1.12	58.1	13.4	1008	3932
Delta	2-19E	Nemaguard	3	58	1	6519	1.16	54.8	16.6	1245	5176
Delta	2-19E	Nemaguard	3	58	1	7661	1.11	54.3	18.7	1405	6581
Delta	2-19E	Nemaguard	3	58	1	.	.	.	.	.	6581
Kern	2-19E	Nemaguard	3	56	1	1528	1.18	56	4.0	341	341
Kern	2-19E	Nemaguard	3	56	1	4344	1.17	47.5	11.2	963	1304
Kern	2-19E	Nemaguard	3	56	1	12746	0.97	52.7	27.3	2347	3651
Kern	2-19E	Nemaguard	3	56	1	9556	1.07	52.6	22.6	1944	5595
Kern	2-19E	Nemaguard	3	56	1	14974	0.88	51.2	29.0	2496	8091
Kern	2-19E	Nemaguard	3	56	1	11896	1.17	60.0	30.8	2646	10737
Kern	2-19E	Nemaguard	3	56	1	16000	1.15	62.1	40.5	3479	14216
Kern	2-19E	Nemaguard	3	56	1	12746	1.01	56.6	28.3	2434	16650
Kern	2-19E	Nemaguard	3	56	1	25016	1.03	66.5	56.9	4890	21540
Kern	2-19E	Nemaguard	3	56	1	7376.8	1.1	48.4	17.3	1490	23030
Chico	1-87	Lovell	3	5	2	1413	0.96	51.3	3.0	190	190

Chico	1-87	Lovell	3	5	2	1070	0.86	55.3	20.2	1295	
Chico	1-87	Lovell	3	5	2	8171	0.93	49.3	16.8	1074	2009
Chico	1-87	Lovell	3	5	2	11884	0.80	48.8	20.9	1340	3899
Chico	1-87	Lovell	3	5	2	10439	0.99	53.6	22.7	1454	5353
Chico	1-87	Lovell	3	5	2	13886	0.87	49.5	26.7	1711	7064
Chico	1-87	Lovell	3	5	2	15035	0.85	58.0	28.2	1802	8866
Chico	1-87	Lovell	3	5	2	8309	0.89	49.6	16.2	1038	9903
Chico	1-87	Lovell	3	5	2	9027.9	0.8	45.4	16.0	1023	10927
Delta	1-87	Nemaguard	3	54	1	475	1.01	62.8	1.1	79	79
Delta	1-87	Nemaguard	3	54	1	3367	0.87	61.5	6.5	486	565
Delta	1-87	Nemaguard	3	54	1	7892	0.93	61.7	16.1	1207	1772
Delta	1-87	Nemaguard	3	54	1	10766	0.90	57.7	21.3	1601	3373
Delta	1-87	Nemaguard	3	54	1	7954	0.99	55.3	17.3	1296	4669
Delta	1-87	Nemaguard	3	54	1	8345	0.90	70.5	16.5	1238	5906
Delta	1-87	Nemaguard	3	54	1	11660	0.93	60.9	23.8	1787	7694
Delta	1-87	Nemaguard	3	54	1	10431	0.92	60.0	21.1	1582	9276
Delta	1-87	Nemaguard	3	54	1	9147.6	0.9	56.1	19.0	1427	10702
Kern	1-87	Nemaguard	3	52	1	1046	1.152	58	2.7	228	228
Kern	1-87	Nemaguard	3	52	1	3262	0.98	50.8	7.1	607	835
Kern	1-87	Nemaguard	3	52	1	11131	0.76	55.2	18.6	1598	2433
Kern	1-87	Nemaguard	3	52	1	9307	0.90	54.2	18.5	1594	4027
Kern	1-87	Nemaguard	3	52	1	15281	0.75	52.8	25.2	2171	6198
Kern	1-87	Nemaguard	3	52	1	4661	1.14	58.0	11.7	1008	7206
Kern	1-87	Nemaguard	3	52	1	11977	1.00	55.9	26.3	2260	9466
Kern	1-87	Nemaguard	3	52	1	25394	0.78	62.9	43.6	3752	13218
Kern	1-87	Nemaguard	3	52	1	20781	0.90	60.8	41.2	3543	16761
Kern	1-87	Nemaguard	3	52	1	14822.1	0.8	50.4	26.8	2302	19063
Chico	1-102W	Lovell	3	3	2	759	1.35	57.1	2.3	144	144
Chico	1-102W	Lovell	3	3	2	6480	1.39	61.5	19.8	1266	1411
Chico	1-102W	Lovell	3	3	2	2041	1.51	58.1	6.8	436	1846
Chico	1-102W	Lovell	3	3	2	7613	1.38	62.2	23.1	1481	3327
Chico	1-102W	Lovell	3	3	2	9899	1.38	63.4	30.1	1926	5253
Chico	1-102W	Lovell	3	3	2	.	.	.	.		5253
Chico	1-102W	Lovell	3	3	2	.	.	.	.		5253
Chico	1-102W	Lovell	3	3	2	.	.	.	.		5253
Chico	1-102W	Lovell	3	3	2	.	.	.	.		5253
Delta	1-102W	Nemaguard	3	60	1	1035	1.27	57.5	2.9	217	217
Delta	1-102W	Nemaguard	3	60	1	2120	1.31	62.0	6.1	457	674
Delta	1-102W	Nemaguard	3	60	1	3770	1.43	64.7	11.9	892	1566
Delta	1-102W	Nemaguard	3	60	1	3643	1.56	69.0	12.5	939	2505
Delta	1-102W	Nemaguard	3	60	1	1936	1.62	72.0	6.9	519	3024
Delta	1-102W	Nemaguard	3	60	1	5634	1.48	63.2	18.4	1379	4403
Delta	1-102W	Nemaguard	3	60	1	4742	1.54	67.1	16.1	1209	5612
Delta	1-102W	Nemaguard	3	60	1	3963	1.48	64.9	12.9	970	6583
Delta	1-102W	Nemaguard	3	60	1	.	.	.	.		6583
Kern	1-102W	Nemaguard	3	58	1	878	1.83	69	3.5	304	304
Kern	1-102W	Nemaguard	3	58	1	1714	1.43	59.8	5.4	464	768
Kern	1-102W	Nemaguard	3	58	1	8235	1.37	64.8	24.9	2143	2911
Kern	1-102W	Nemaguard	3	58	1	6138	1.50	67.8	20.3	1742	4653
Kern	1-102W	Nemaguard	3	58	1	6814	1.36	61.8	20.4	1755	6408

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Kern	1-102W	Nemaguard	3	58	1	204	1.71	71.5	7.7	661	
Kern	1-102W	Nemaguard	3	58	1	5791	1.54	66.7	19.6	1685	81.4
Kern	1-102W	Nemaguard	3	58	1	16480	1.27	68.2	46.0	3958	12712
Kern	1-102W	Nemaguard	3	58	1	14090	1.42	69.3	44.0	3785	16497
Kern	1-102W	Nemaguard	3	58	1	10238.2	1.4	66.1	30.7	2641	19139