

# AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201221

Chicken Sarter/Grower, Medicated



# AAFCO

Association of American Feed Control Officials

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
000.01	2	2	0.25000	0.35355												
001.00	14	10	11.861	0.54411	11.711	0.28392	0.06349	2.42%	0.54173	0.07187	0.54647	4.57%	0.61%	4.61%	7.6038	0.07706
001.03	21	21	11.967	0.55571	12.120	0.17205	0.02655	1.42%	0.55524	0.03227	0.55618	4.64%	0.27%	4.65%	17.238	0.03229
001.05	1		11.800													
001.07	36	35	11.708	0.58783	11.778	0.40035	0.04785	3.40%	0.58355	0.10008	0.59207	4.98%	0.85%	5.06%	5.9160	0.08774
001.08	4	4	11.886	0.24336	11.886	0.24336	0.08604	2.05%	0.23085	0.10892	0.25525	1.94%	0.92%	2.15%	2.3436	0.12250
001.99	18	17	11.448	0.64898	11.485	0.64887	0.11128	5.65%	0.64280	0.12638	0.65510	5.61%	1.10%	5.72%	5.1838	0.12022
002.00	5	5	20.011	4.4307	20.011	4.4307	1.4011	22.14%	4.4250	0.31836	4.4365	22.11%	1.59%	22.17%	13.936	0.29400
002.01	12	12	17.638	0.29170	17.605	0.22823	0.04659	1.30%	0.28430	0.09233	0.29891	1.61%	0.52%	1.69%	3.2374	0.08943
002.02	6	6	17.406	0.31289	17.426	0.31105	0.08979	1.78%	0.27359	0.21471	0.34778	1.57%	1.23%	2.00%	1.6197	0.21543
002.04	6	6	17.984	0.71659	17.984	0.81262	0.23458	4.52%	0.70619	0.17207	0.72685	3.93%	0.96%	4.04%	4.2241	0.22167
002.05	39	38	17.709	0.36701	17.670	0.22862	0.02622	1.29%	0.36446	0.06099	0.36953	2.06%	0.34%	2.09%	6.0591	0.05826
002.06	229	142	17.818	0.35312	17.806	0.23787	0.01412	1.34%	0.33678	0.15012	0.36873	1.89%	0.84%	2.07%	2.4561	0.14169
002.07	1		17.840													
002.08	4	4	17.836	0.36103	17.836	0.36103	0.12764	2.02%	0.35973	0.04324	0.36232	2.02%	0.24%	2.03%	8.3786	0.04990
002.10	4	4	17.664	0.42549	17.664	0.42549	0.15043	2.41%	0.41572	0.12817	0.43503	2.35%	0.73%	2.46%	3.3942	0.11465
002.11	7	7	17.906	0.66098	17.881	0.70225	0.18768	3.93%	0.65434	0.13215	0.66755	3.65%	0.74%	3.73%	5.0514	0.15571
002.99	3	3	17.712	0.30022	17.712	0.30022	0.12257	1.70%	0.26616	0.19643	0.33079	1.50%	1.11%	1.87%	1.6841	0.20333
003.00	24	24	3.1808	0.71484	3.0426	0.33103	0.04778	10.88%	0.71317	0.06902	0.71650	22.42%	2.17%	22.53%	10.381	0.06753
003.01	2	2	2.5666	0.05172												
003.06	22	22	2.8630	0.12232	2.8588	0.11908	0.01795	4.17%	0.10486	0.08906	0.13758	3.66%	3.11%	4.81%	1.5447	0.08359
003.09	26	26	2.8927	0.12191	2.8995	0.10959	0.01520	3.78%	0.11637	0.05138	0.12721	4.02%	1.78%	4.40%	2.4759	0.05471
003.10	36	35	2.8054	0.26414	2.7636	0.18266	0.02183	6.61%	0.24610	0.13569	0.28103	8.77%	4.84%	10.02%	2.0711	0.10123
003.11	7	7	2.7464	0.46252	2.8046	0.39286	0.10500	14.01%	0.46134	0.04668	0.46369	16.80%	1.70%	16.88%	9.9345	0.04714
003.12	19	19	2.9061	0.20439	2.8728	0.15942	0.02586	5.55%	0.20050	0.05617	0.20822	6.90%	1.93%	7.16%	3.7068	0.05421
003.13	7	6	2.8620	0.19853	2.8307	0.08078	0.02332	2.85%	0.19597	0.04494	0.20106	6.85%	1.57%	7.03%	4.4738	0.04433
003.14	27	27	2.8621	0.34012	2.8253	0.27432	0.03733	9.71%	0.32377	0.14736	0.35573	11.31%	5.15%	12.43%	2.4139	0.13669

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003.99	13	9	2.8529	0.39712	2.8540	0.28831	0.06795	10.10%	0.39493	0.05899	0.39931	13.84%	2.07%	14.00%	6.7693	0.07104
004.00	26	25	3.6751	0.25891	3.6934	0.22829	0.03228	6.18%	0.24884	0.10109	0.26860	6.77%	2.75%	7.31%	2.6569	0.09752
004.01	2	2	4.3975	0.21567												
004.03	2	2	4.0000	0.60811												
004.06	45	44	3.9256	0.42586	3.9113	0.29274	0.03121	7.48%	0.41934	0.10499	0.43229	10.68%	2.67%	11.01%	4.1174	0.09763
004.07	54	53	3.6343	0.33016	3.6252	0.26060	0.02531	7.19%	0.31742	0.12848	0.34243	8.73%	3.54%	9.42%	2.6653	0.12888
004.11	4	4	4.1575	1.1850	4.1575	1.1850	0.41898	28.50%	1.1845	0.05123	1.1856	28.49%	1.23%	28.52%	23.141	0.06000
004.99	4	4	4.1525	1.0540	4.1525	1.0540	0.37265	25.38%	1.0505	0.12155	1.0575	25.30%	2.93%	25.47%	8.7000	0.10500
005.00	186	115	5.6037	0.19561	5.6209	0.17896	0.01180	3.18%	0.18810	0.07590	0.20284	3.36%	1.35%	3.62%	2.6723	0.07184
005.01	1		5.7250													
005.02	2	2	5.7700	0.07071												
005.05	26	26	5.7131	0.22903	5.7096	0.14171	0.01965	2.48%	0.22693	0.04377	0.23111	3.97%	0.77%	4.05%	5.2800	0.04218
005.11	4	4	5.3950	1.3071	5.3950	1.3071	0.46213	24.23%	1.3011	0.17628	1.3130	24.12%	3.27%	24.34%	7.4485	0.15500
005.99	14	13	5.8139	0.72188	5.6771	0.15892	0.03117	2.80%	0.71895	0.09183	0.72479	12.37%	1.58%	12.47%	7.8924	0.09725
006.00	1		5.2000													
006.01	1		4.8500													
006.99	1		5.2800													
008.02	11	11	5.4988	0.67223	5.3993	0.51698	0.11022	9.57%	0.66554	0.13380	0.67886	12.10%	2.43%	12.35%	5.0737	0.13790
008.05	2	2	5.2965	0.14637												
008.08	24	24	4.9661	0.52937	4.9583	0.50045	0.07223	10.09%	0.50889	0.20621	0.54908	10.25%	4.15%	11.06%	2.6628	0.18533
008.99	3	3	4.6850	0.31619	4.6850	0.31619	0.12908	6.75%	0.31081	0.08216	0.32148	6.63%	1.75%	6.86%	3.9129	0.10333
009.04	1		13.145													
009.07	9	9	13.456	1.7905	13.332	1.7672	0.41654	13.26%	1.7748	0.33471	1.8061	13.19%	2.49%	13.42%	5.3959	0.32744
009.09	20	19	12.044	0.58367	11.978	0.42530	0.06899	3.55%	0.56630	0.19990	0.60054	4.70%	1.66%	4.99%	3.0042	0.20142
009.99	2	2	12.498	1.1703												
010.03	3	3	10.155	1.8956	10.155	1.8956	0.77386	18.67%	1.8930	0.13913	1.8981	18.64%	1.37%	18.69%	13.643	0.15787
010.11	4	4	11.436	0.43373	11.436	0.43373	0.15335	3.79%	0.42643	0.11208	0.44091	3.73%	0.98%	3.86%	3.9338	0.10250
010.99	11	9	11.766	0.25735	11.766	0.29184	0.06879	2.48%	0.24166	0.12517	0.27215	2.05%	1.06%	2.31%	2.1743	0.10900
011.01	160	81	12.494	0.33162	12.521	0.24713	0.01942	1.97%	0.32401	0.09989	0.33906	2.59%	0.80%	2.71%	3.3943	0.10348
011.02	3	2	12.370	0.00707	12.370	0.00707	0.00354	0.06%		0.07906			0.64%			0.11000
011.99	2	2	11.548	0.85206												
012.00	9	9	39.359	0.81699	39.361	0.92225	0.21738	2.34%	0.81498	0.08103	0.81900	2.07%	0.21%	2.08%	10.107	0.08889
012.01	3	3	34.892	0.95963	34.892	0.95963	0.39177	2.75%	0.84781	0.63578	1.0597	2.43%	1.82%	3.04%	1.6668	0.76733
012.03	3	3	37.282	0.27442	37.282	0.27442	0.11203	0.74%	0.25087	0.15732	0.29611	0.67%	0.42%	0.79%	1.8822	0.15667
012.04	7	7	38.448	1.8466	38.235	1.5664	0.41865	4.10%	1.7937	0.62059	1.8981	4.67%	1.61%	4.94%	3.0585	0.58171
012.11	3	3	40.240	2.7737	40.240	2.7737	1.1324	6.89%	2.7737	0.01732	2.7737	6.89%	0.04%	6.89%	160.14	0.02000
012.99	1		39.240													
013.00	14	13	3.8522	0.41295	3.8531	0.27396	0.05373	7.11%	0.40743	0.09516	0.41840	10.58%	2.47%	10.86%	4.3966	0.11121

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013.02	100	28	3.8500	0.32748	3.8060	0.27143	0.03627	7.13%	0.31598	0.12163	0.33858	8.21%	3.16%	8.79%	2.7838	0.12000
013.03	1		2.1800													
013.10	14	13	3.4691	0.32852	3.4856	0.32592	0.06392	9.35%	0.29619	0.20099	0.35794	8.54%	5.79%	10.32%	1.7809	0.22215
013.12	2	2	3.9200	0.80610												
013.13	3	3	2.9700	0.49074	2.9700	0.49074	0.20034	16.52%	0.48742	0.08062	0.49404	16.41%	2.71%	16.63%	6.1278	0.09333
015.41	5	5	137.03	18.930	137.03	18.930	5.9862	13.81%	18.683	4.3098	19.174	13.63%	3.15%	13.99%	4.4488	4.7682
015.42	3	3	118.94	29.808	118.94	29.808	12.169	25.06%	29.715	3.3132	29.899	24.98%	2.79%	25.14%	9.0244	4.5500
015.43	4	4	176.58	59.670	176.58	59.670	21.096	33.79%	59.463	7.0282	59.876	33.68%	3.98%	33.91%	8.5195	8.1500
016.42	1		0.00000													
017.41	3	3	8.8567	1.1277	8.8567	1.1277	0.46037	12.73%	1.1192	0.19494	1.1361	12.64%	2.20%	12.83%	5.8279	0.22667
017.42	4	4	7.7875	5.5861	7.7875	5.5861	1.9750	71.73%	5.5835	0.23911	5.5886	71.70%	3.07%	71.76%	23.372	0.25500
017.43	4	4	8.6588	0.47526	8.6588	0.47526	0.16803	5.49%	0.45521	0.19316	0.49450	5.26%	2.23%	5.71%	2.5600	0.20250
018.34	1		0.07440													
018.41	2	2	0.09413	0.00831												
018.42	1		0.09800													
018.43	1		0.73000													
019.00	29	28	0.99739	0.07628	0.99402	0.04543	0.00607	4.57%	0.07519	0.01813	0.07735	7.54%	1.82%	7.75%	4.2672	0.01843
019.01	1		2.1000													
019.02	1		0.96500													
019.03	4	4	1.0431	0.03880	1.0431	0.03880	0.01372	3.72%	0.03649	0.01868	0.04099	3.50%	1.79%	3.93%	2.1941	0.02410
019.08	9	9	1.0647	0.09296	1.0531	0.07616	0.01795	7.23%	0.09249	0.01320	0.09342	8.69%	1.24%	8.77%	7.0780	0.01511
019.31	34	33	1.0018	0.06804	0.99805	0.04545	0.00559	4.55%	0.06515	0.02773	0.07081	6.50%	2.77%	7.07%	2.5533	0.02600
019.32	11	10	0.97654	0.05286	0.98270	0.04405	0.00985	4.48%	0.05196	0.01366	0.05373	5.32%	1.40%	5.50%	3.9333	0.01425
019.33	3	3	0.99345	0.08929	0.99345	0.08929	0.03645	8.99%	0.08095	0.05328	0.09691	8.15%	5.36%	9.75%	1.8189	0.06243
019.41	38	36	0.99875	0.05025	1.0009	0.04859	0.00573	4.85%	0.04903	0.01550	0.05143	4.91%	1.55%	5.15%	3.3171	0.01583
019.42	22	21	1.0559	0.29910	1.0273	0.05760	0.00889	5.61%	0.29776	0.03998	0.30043	28.20%	3.79%	28.45%	7.5149	0.03580
019.43	18	17	1.0099	0.03336	1.0102	0.03573	0.00613	3.54%	0.03156	0.01525	0.03505	3.13%	1.51%	3.47%	2.2989	0.01562
019.53	4	4	0.98713	0.04190	0.98713	0.04190	0.01481	4.24%	0.03424	0.03415	0.04836	3.47%	3.46%	4.90%	1.4161	0.03675
019.99	4	4	0.93488	0.09746	0.93488	0.09746	0.03446	10.42%	0.09583	0.02506	0.09906	10.25%	2.68%	10.60%	3.9524	0.03125
020.41	3	3	2.8872	0.29868	2.8872	0.29868	0.12194	10.35%	0.29242	0.08606	0.30482	10.13%	2.98%	10.56%	3.5420	0.09800
020.42	2	2	1.3025	1.8420												
020.43	2	2	4.0250	0.61518												
020.99	1		4.2050													
021.31	3	3	0.61667	0.53929	0.61667	0.53929	0.22016	87.45%	0.53852	0.04082	0.54006	87.33%	6.62%	87.58%	13.229	0.03333
021.41	4	4	0.98185	0.12490	0.98185	0.12490	0.04416	12.72%	0.12106	0.04346	0.12863	12.33%	4.43%	13.10%	2.9598	0.05420
021.42	3	3	0.75007	0.24677	0.75007	0.24677	0.10075	32.90%	0.22871	0.13106	0.26360	30.49%	17.47%	35.14%	2.0113	0.18053
021.43	5	5	1.3410	0.69508	1.3410	0.69508	0.21980	51.83%	0.38190	0.82132	0.90577	28.48%	61.25%	67.54%	1.1028	0.58200
022.31	17	16	12.408	1.0170	12.351	0.81950	0.14487	6.64%	0.97785	0.39528	1.0547	7.88%	3.19%	8.50%	2.6683	0.39119

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022.32	3	3	12.233	1.5300	12.233	1.5300	0.62461	12.51%	1.5125	0.32599	1.5472	12.36%	2.66%	12.65%	4.7464	0.34667
022.33	3	3	11.135	1.1184	11.135	1.1184	0.45658	10.04%	0.96839	0.79123	1.2505	8.70%	7.11%	11.23%	1.5805	1.0630
022.41	29	28	12.038	1.3140	11.976	1.1885	0.15882	9.92%	1.2205	0.68828	1.4012	10.14%	5.72%	11.64%	2.0358	0.73686
022.42	18	17	13.436	4.4137	12.303	1.8057	0.30967	14.68%	4.3426	1.1163	4.4837	32.32%	8.31%	33.37%	4.0165	1.0406
022.43	14	14	11.709	2.5923	11.333	1.5632	0.29541	13.79%	2.5719	0.45857	2.6125	21.97%	3.92%	22.31%	5.6970	0.45600
022.53	2	2	11.850	0.70711												
022.99	1		8.0000													
025.31	16	15	279.36	28.884	282.63	19.599	3.5782	6.93%	28.322	8.0183	29.436	10.14%	2.87%	10.54%	3.6711	8.9247
025.32	3	3	282.07	4.2689	282.07	4.2689	1.7428	1.51%		13.397			4.75%			12.200
025.33	2	2	263.90	30.052												
025.41	26	26	283.68	15.117	285.31	13.470	1.8680	4.72%	14.098	7.7188	16.073	4.97%	2.72%	5.67%	2.0823	8.4102
025.42	15	15	313.97	76.683	299.79	40.704	7.4315	13.58%	75.757	16.805	77.599	24.13%	5.35%	24.71%	4.6175	17.278
025.43	13	12	290.79	16.588	290.46	18.097	3.6939	6.23%	14.192	12.145	18.679	4.88%	4.18%	6.42%	1.5380	11.434
025.99	1		225.50													
026.31	1		1.5700													
026.32	1		0.00000													
026.34	1		0.22050													
026.41	1		0.29500													
026.42	1		0.00000													
027.31	18	18	0.19256	0.00781	0.19210	0.00519	0.00087	2.70%		0.01125			5.84%			0.01050
027.32	6	5	0.19599	0.00438	0.19599	0.00438	0.00139	2.24%	0.00376	0.00319	0.00493	1.92%	1.63%	2.52%	1.5453	0.00238
027.33	1		0.17600													
027.41	26	25	0.20070	0.01376	0.19979	0.01160	0.00164	5.81%	0.01332	0.00491	0.01420	6.64%	2.45%	7.07%	2.8911	0.00488
027.42	18	17	0.21509	0.04972	0.20433	0.01048	0.00180	5.13%	0.04934	0.00876	0.05011	22.94%	4.07%	23.30%	5.7224	0.00859
027.43	12	12	0.19624	0.00973	0.19548	0.00945	0.00193	4.84%	0.00839	0.00697	0.01091	4.27%	3.55%	5.56%	1.5642	0.00611
027.53	1		0.19350													
027.99	1		0.16000													
028.31	15	14	85.649	3.9402	85.860	3.2053	0.60575	3.73%	3.5130	2.5236	4.3254	4.10%	2.95%	5.05%	1.7140	2.7564
028.32	3	3	91.162	2.4668	91.162	2.4668	1.0071	2.71%	2.4659	0.08954	2.4676	2.71%	0.10%	2.71%	27.560	0.09667
028.33	3	3	78.645	13.524	78.645	13.524	5.5212	17.20%	12.381	7.6947	14.578	15.74%	9.78%	18.54%	1.8945	6.9967
028.41	31	30	84.115	5.0741	84.518	3.4582	0.44645	4.09%	4.8325	2.1877	5.3047	5.75%	2.60%	6.31%	2.4247	2.5138
028.42	20	19	93.664	23.011	89.463	5.9807	0.97020	6.69%	22.804	4.3599	23.217	24.35%	4.65%	24.79%	5.3251	4.2579
028.43	15	14	85.714	4.8649	85.749	4.7321	0.89429	5.52%	4.5435	2.4592	5.1663	5.30%	2.87%	6.03%	2.1008	2.2394
028.53	2	2	92.500	8.9095												
029.99	1		0.00200													
031.00	1		0.69715													
031.01	67	65	0.68880	0.04173	0.69462	0.02381	0.00209	3.43%	0.04086	0.01202	0.04259	5.93%	1.74%	6.18%	3.5438	0.01042
031.02	4	4	0.75703	0.10559	0.75703	0.10559	0.03733	13.95%	0.10552	0.00526	0.10565	13.94%	0.69%	13.96%	20.094	0.00615

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rstd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
031.03	9	9	0.69877	0.02477	0.70203	0.01597	0.00377	2.28%	0.02426	0.00708	0.02527	3.47%	1.01%	3.62%	3.5715	0.00796
031.06	2	2	0.77750	0.13081												
031.41	37	36	0.69526	0.04229	0.69799	0.03145	0.00371	4.51%	0.04079	0.01580	0.04374	5.87%	2.27%	6.29%	2.7687	0.01390
031.42	23	22	0.71735	0.03868	0.71511	0.03444	0.00519	4.82%	0.03657	0.01783	0.04068	5.10%	2.49%	5.67%	2.2821	0.01796
031.43	15	14	0.70550	0.03057	0.70540	0.02531	0.00478	3.59%	0.02959	0.01085	0.03151	4.19%	1.54%	4.47%	2.9057	0.01098
031.44	1		0.67500													
031.53	5	5	0.70490	0.01934	0.70490	0.01934	0.00612	2.74%	0.01367	0.01934	0.02369	1.94%	2.74%	3.36%	1.2247	0.02300
031.99	6	5	0.56810	0.22652	0.56810	0.22652	0.07163	39.87%	0.22650	0.00457	0.22655	39.87%	0.80%	39.88%	49.555	0.00460
032.02	7	6	0.87647	0.03104	0.87739	0.03348	0.00966	3.82%	0.02629	0.02333	0.03515	3.00%	2.66%	4.01%	1.5069	0.02720
032.31	20	19	0.85242	0.07892	0.86078	0.06422	0.01042	7.46%	0.07451	0.03682	0.08311	8.74%	4.32%	9.75%	2.2573	0.03056
032.32	4	4	0.77483	0.21803	0.77483	0.21803	0.07708	28.14%		0.32212			41.57%			0.26465
032.33	1		0.76500													
032.41	27	26	0.84848	0.03276	0.84911	0.03165	0.00439	3.73%	0.03059	0.01656	0.03479	3.61%	1.95%	4.10%	2.1010	0.01881
032.42	20	19	0.92271	0.24777	0.87677	0.05652	0.00917	6.45%	0.24706	0.02642	0.24847	26.78%	2.86%	26.93%	9.4040	0.02408
032.43	12	11	0.86473	0.05317	0.86537	0.05891	0.01256	6.81%	0.05268	0.01017	0.05365	6.09%	1.18%	6.20%	5.2778	0.01279
032.53	1		0.87250													
032.99	1		0.69000													
033.00	38	37	0.46250	0.05993	0.46194	0.05951	0.00692	12.88%	0.05936	0.01163	0.06049	12.83%	2.52%	13.08%	5.1997	0.01194
033.01	39	38	0.51336	0.02608	0.51183	0.02369	0.00272	4.63%	0.02515	0.00977	0.02698	4.90%	1.90%	5.26%	2.7605	0.00898
033.03	5	5	0.45200	0.00570	0.45200	0.00570	0.00180	1.26%		0.03768			8.34%			0.04000
033.05	3	3	0.47333	0.05154	0.47333	0.05154	0.02104	10.89%	0.05136	0.00608	0.05172	10.85%	1.29%	10.93%	8.5021	0.00733
033.99	13	13	0.46331	0.05143	0.46265	0.03528	0.00692	7.63%	0.04660	0.03075	0.05583	10.06%	6.64%	12.05%	1.8156	0.03246
034.01	1		0.40400													
034.04	5	5	0.41770	0.03328	0.41770	0.03328	0.01052	7.97%	0.03251	0.01010	0.03404	7.78%	2.42%	8.15%	3.3689	0.01220
034.43	1		0.31400													
034.99	2	2	0.35945	0.06993												
035.01	3	3	0.20083	0.01575	0.20083	0.01575	0.00643	7.84%	0.01529	0.00537	0.01620	7.61%	2.67%	8.07%	3.0173	0.00700
035.05	8	8	0.19027	0.01088	0.18925	0.01013	0.00253	5.35%	0.01059	0.00349	0.01115	5.57%	1.84%	5.86%	3.1934	0.00319
035.31	22	22	0.18700	0.02739	0.18938	0.01756	0.00265	9.27%	0.02654	0.00955	0.02821	14.19%	5.11%	15.08%	2.9535	0.00906
035.32	4	4	0.20375	0.01702	0.20375	0.01702	0.00602	8.35%	0.01683	0.00354	0.01720	8.26%	1.74%	8.44%	4.8610	0.00260
035.33	1		0.21500													
035.41	30	30	0.19118	0.01602	0.19036	0.00864	0.00112	4.54%	0.01539	0.00629	0.01663	8.05%	3.29%	8.70%	2.6444	0.00696
035.42	17	17	0.19851	0.05448	0.18668	0.01644	0.00282	8.81%	0.05418	0.00812	0.05478	27.29%	4.09%	27.60%	6.7441	0.00831
035.43	12	12	0.18919	0.01544	0.18746	0.01351	0.00276	7.21%	0.01314	0.01147	0.01744	6.94%	6.06%	9.22%	1.5207	0.01112
035.53	1		0.17700													
035.99	1		0.17500													
036.00	1		0.32000													
036.04	2	2	0.23500	0.00707												

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036.42	18	18	0.21889	0.01949	0.21804	0.01939	0.00323	8.89%	0.01909	0.00556	0.01988	8.72%	2.54%	9.08%	3.5794	0.00528
036.43	9	9	0.22296	0.01322	0.21948	0.00839	0.00198	3.82%	0.00896	0.01374	0.01640	4.02%	6.16%	7.36%	1.1939	0.01400
036.99	1		0.15500													
037.31	16	16	98.320	8.5510	97.931	8.4774	1.4986	8.66%	8.4106	2.1821	8.6891	8.55%	2.22%	8.84%	3.9820	2.3599
037.32	3	3	100.45	2.3468	100.45	2.3468	0.95808	2.34%	0.86410	3.0857	3.2044	0.86%	3.07%	3.19%	1.0385	3.3667
037.33	3	3	103.08	17.333	103.08	17.333	7.0760	16.82%	16.338	8.1859	18.274	15.85%	7.94%	17.73%	2.2323	10.423
037.41	31	31	97.754	9.1079	99.536	5.0177	0.63725	5.04%	8.7605	3.5235	9.4426	8.96%	3.60%	9.66%	2.6799	3.7043
037.42	19	19	106.73	24.813	102.56	6.3609	1.0319	6.20%	24.210	7.6852	25.401	22.68%	7.20%	23.80%	3.3052	7.4747
037.43	15	15	100.98	3.8470	100.75	3.3693	0.61514	3.34%	3.3672	2.6310	4.2732	3.33%	2.61%	4.23%	1.6242	2.7893
037.53	2	2	98.575	7.6721												
037.99	2	2	89.530	24.791												
038.41	3	3	2.3278	0.23520	2.3278	0.23520	0.09602	10.10%	0.09768	0.30258	0.31796	4.20%	13.00%	13.66%	1.0508	0.28973
038.42	5	5	4.4161	4.9327	4.4161	4.9327	1.5599	111.70%	4.9280	0.30318	4.9374	111.59%	6.87%	111.80%	16.285	0.25380
038.43	7	6	2.4100	0.35818	2.4027	0.38998	0.11258	16.23%	0.35249	0.08991	0.36377	14.63%	3.73%	15.09%	4.0461	0.08667
039.31	1		2.7350													
039.41	1		2.2243													
039.42	2	2	2.4025	0.46315												
039.43	1		3.5300													
040.42	1		5.5600													
040.43	1		4.6150													
041.42	1		0.00000													
041.43	1		2.5700													
045.00	9	9	0.01022	0.00105	0.01021	0.00117	0.00027	11.42%	0.00100	0.00044	0.00109	9.80%	4.31%	10.70%	2.4833	0.00043
045.02	9	9	0.00996	0.00217	0.01002	0.00112	0.00026	11.15%	0.00214	0.00055	0.00221	21.46%	5.56%	22.17%	3.9860	0.00049
100.01	1		0.14000													
101.02	2	2	482.89	13.428												
101.99	2	2	693.54	59.312												
102.01	2	2	24.091	3.1693												
102.99	1		9.6650													
103.01	2	2	7.7272	0.59701												
103.02	1		10.940													
103.99	1		7.2900													
104.00	3	3	5.6841	0.91828	5.6841	0.91828	0.37489	16.16%	0.84261	0.51623	0.98817	14.82%	9.08%	17.38%	1.9142	0.54050
104.03	1		4.7550													
104.99	2	2	5.3450	0.96874												
105.00	1		2.1100													
105.01	1		1.3810													
106.00	1		5.0000													

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106.01	1		4.3400													
106.02	18	17	4.2154	1.7623	3.9260	0.89993	0.15434	22.92%	1.7363	0.42729	1.7881	41.19%	10.14%	42.42%	4.1846	0.40798
107.00	2	2	21.706	0.84075												
108.01	2	2	0.51000	0.72125												
108.02	6	5	7.4790	15.436	7.4790	15.436	4.8814	206.40%	15.390	1.6841	15.482	205.78%	22.52%	207.01%	9.1930	1.1284
109.00	1		32.150													
109.02	16	16	29.461	15.867	30.814	8.5673	1.5145	27.80%	15.853	0.96468	15.882	53.81%	3.27%	53.91%	16.463	0.98067
109.99	1		27.350													
112.00	3	3	4.2950	2.5455	4.2950	2.5455	1.0392	59.27%	2.5436	0.13717	2.5473	59.22%	3.19%	59.31%	18.570	0.15667
112.99	1		0.31000													
113.01	2	2	1.2850	0.06364												
114.01	2	2	0.20300	0.01838												
114.99	1		0.10550													
120.00	15	14	0.89915	0.03212	0.90036	0.03384	0.00640	3.76%	0.02725	0.02404	0.03634	3.03%	2.67%	4.04%	1.5115	0.02266
120.01	1		0.94000													
120.02	2	2	0.87933	0.04147												
120.05	1		0.80100													
120.99	1		0.89500													
121.00	15	14	1.1341	0.02755	1.1373	0.02345	0.00443	2.06%	0.02567	0.01415	0.02931	2.26%	1.25%	2.58%	2.0717	0.01437
121.01	1		1.2675													
121.02	2	2	1.1040	0.02121												
121.05	1		1.1065													
121.99	1		1.1500													
122.00	15	14	1.6556	0.09188	1.6588	0.04851	0.00917	2.92%	0.09051	0.02238	0.09323	5.47%	1.35%	5.63%	4.1660	0.02411
122.01	1		1.8425													
122.02	2	2	1.6680	0.00141												
122.05	1		1.6225													
122.99	1		1.6400													
123.99	2	2	3.0650	0.19799												
124.00	16	15	0.31132	0.02239	0.31104	0.02048	0.00374	6.58%	0.02181	0.00717	0.02296	7.01%	2.30%	7.38%	3.2015	0.00817
124.01	1		0.30900													
124.02	2	2	0.35185	0.05183												
124.99	1		0.29500													
125.00	14	13	3.1586	0.10657	3.1766	0.06349	0.01245	2.00%	0.10340	0.03649	0.10965	3.27%	1.16%	3.47%	3.0045	0.03742
125.01	1		3.8840													
125.02	2	2	3.1139	0.04582												
125.05	1		2.9430													
126.00	15	14	0.74633	0.02570	0.74667	0.02850	0.00539	3.82%	0.02312	0.01586	0.02804	3.10%	2.13%	3.76%	1.7676	0.01429

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126.01	1		0.94600													
126.02	2	2	0.77965	0.00827												
126.05	1		0.75350													
126.99	1		0.77000													
127.00	15	14	0.47849	0.02376	0.47982	0.01959	0.00370	4.08%	0.02318	0.00739	0.02433	4.84%	1.54%	5.08%	3.2927	0.00870
127.01	1		0.43250													
127.02	2	2	0.47643	0.00435												
127.05	1		0.47350													
127.99	1		0.47500													
128.00	15	14	0.68800	0.03346	0.68537	0.03121	0.00590	4.55%	0.03197	0.01394	0.03488	4.65%	2.03%	5.07%	2.5019	0.01647
128.01	2	2	0.77975	0.04914												
128.02	2	2	0.73538	0.04331												
128.05	1		0.70500													
128.99	1		0.71000													
129.00	15	14	1.4601	0.04723	1.4662	0.03124	0.00590	2.13%	0.03867	0.03835	0.05446	2.65%	2.63%	3.73%	1.4200	0.02993
129.01	1		1.6245													
129.02	2	2	1.5245	0.00216												
129.05	1		1.4490													
129.99	1		1.5050													
130.00	19	18	0.87954	0.02801	0.88303	0.02192	0.00365	2.48%	0.02630	0.01364	0.02963	2.99%	1.55%	3.37%	2.1716	0.01474
130.01	3	3	0.93433	0.04676	0.93433	0.04676	0.01909	5.00%	0.04177	0.02973	0.05127	4.47%	3.18%	5.49%	1.7243	0.03067
130.02	1		0.94260													
130.05	5	5	0.93080	0.08997	0.93080	0.08997	0.02845	9.67%	0.08391	0.04593	0.09566	9.01%	4.93%	10.28%	2.0825	0.04320
130.99	2	2	0.91000	0.07071												
131.00	19	19	0.29599	0.02434	0.29111	0.01341	0.00218	4.61%	0.02309	0.01090	0.02553	7.80%	3.68%	8.63%	2.3423	0.01067
131.01	2	2	0.31075	0.00601												
131.02	2	2	0.31730	0.03917												
131.05	4	4	0.28375	0.02555	0.28375	0.02555	0.00903	9.00%	0.02030	0.02194	0.02989	7.15%	7.73%	10.53%	1.3625	0.02550
131.99	2	2	0.25500	0.01414												
132.00	15	14	0.82175	0.03171	0.82175	0.03596	0.00680	4.38%	0.02830	0.02022	0.03479	3.44%	2.46%	4.23%	1.7201	0.01799
132.01	2	2	0.87975	0.00672												
132.02	2	2	0.86468	0.01460												
132.05	1		0.83250													
132.99	1		0.84500													
133.00	15	15	1.0885	0.06309	1.0869	0.04510	0.00823	4.15%	0.06132	0.02102	0.06482	5.63%	1.93%	5.95%	3.0834	0.02055
133.05	2	2	1.0178	0.19905												
133.99	1		1.0850													
134.00	15	14	0.80788	0.10102	0.83485	0.04486	0.00848	5.37%	0.10063	0.01256	0.10141	12.46%	1.55%	12.55%	8.0749	0.01454



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134.01	1		0.92150													
134.02	2	2	0.76283	0.00025												
134.05	1		0.85700													
134.99	1		0.85500													
135.00	15	15	0.65391	0.02951	0.65700	0.02273	0.00415	3.46%	0.02688	0.01721	0.03192	4.11%	2.63%	4.88%	1.8545	0.01791
135.01	2	2	0.71425	0.02722												
135.02	2	2	0.65393	0.01404												
135.05	1		0.64700													
135.99	1		0.60500													
136.00	4	4	0.26695	0.11950	0.26695	0.11950	0.04225	44.76%	0.11945	0.00481	0.11955	44.75%	1.80%	44.78%	24.845	0.00455
136.01	5	5	0.21250	0.02146	0.21250	0.02146	0.00679	10.10%	0.02139	0.00243	0.02152	10.06%	1.14%	10.13%	8.8617	0.00300
136.03	2	2	0.20625	0.00601												
136.99	2	2	0.20925	0.00601												
137.00	9	9	0.59307	0.04148	0.58978	0.03909	0.00921	6.63%	0.03540	0.03056	0.04677	5.97%	5.15%	7.89%	1.5304	0.03150
137.01	2	2	0.63775	0.03924												
137.02	2	2	0.59508	0.06424												
137.05	1		0.50150													
137.99	1		0.67500													
138.00	15	14	0.83447	0.04044	0.83161	0.03137	0.00593	3.77%	0.03897	0.01526	0.04185	4.67%	1.83%	5.02%	2.7429	0.01786
138.01	2	2	0.97678	0.03079												
138.02	2	2	0.91435	0.06244												
138.05	1		0.80250													
138.99	1		0.87000													
139.00	2	2	0.12500	0.16263												
139.02	1		0.00000													
139.99	1		0.02000													
140.01	1		0.01100													
142.00	1		0.03700													
300.07	1		2.9000													