

# AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201029

Beef Cattle 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	6	6	16.2450	5.1105	17.8339	1.6367	0.4725	9.18%	5.0911	0.6303	5.1299	31.34%	3.88%	31.58%	8.1385	0.5533
000.02	1		6.4400													
001.00	11	9	8.6483	0.7142	8.6483	0.8099	0.1909	9.36%	0.7092	0.1197	0.7192	8.20%	1.38%	8.32%	6.0083	0.1167
001.02	1		7.0850													
001.03	6	6	8.0742	0.6304	8.1116	0.6316	0.1823	7.79%	0.6274	0.0868	0.6334	7.77%	1.08%	7.84%	7.2936	0.0950
001.05	1		7.8650													
001.07	39	36	8.4420	0.6069	8.3502	0.3742	0.0441	4.48%	0.5996	0.1327	0.6141	7.10%	1.57%	7.27%	4.6287	0.1192
001.08	1		8.7100													
001.99	18	17	9.0493	0.7777	9.0205	0.8166	0.1401	9.05%	0.7760	0.0717	0.7793	8.58%	0.79%	8.61%	10.8695	0.0714
002.00	4	4	40.6650	0.2059	40.6650	0.2059	0.0728	0.51%	0.1931	0.1011	0.2179	0.47%	0.25%	0.54%	2.1552	0.1050
002.01	11	11	40.5345	0.2989	40.5117	0.2912	0.0621	0.72%	0.2835	0.1338	0.3135	0.70%	0.33%	0.77%	2.3433	0.1360
002.02	7	7	39.8037	2.0123	40.3729	0.7192	0.1922	1.78%	2.0053	0.2373	2.0193	5.04%	0.60%	5.07%	8.5100	0.2134
002.04	7	7	40.4750	1.1834	40.6243	1.0027	0.2680	2.47%	1.1812	0.1031	1.1857	2.92%	0.25%	2.93%	11.4968	0.1300
002.05	19	18	40.3152	0.3168	40.3153	0.3591	0.0598	0.89%	0.2659	0.2435	0.3606	0.66%	0.60%	0.89%	1.4806	0.2256
002.06	218	147	41.0426	0.6004	41.0271	0.3316	0.0193	0.81%	0.5816	0.2108	0.6186	1.42%	0.51%	1.51%	2.9344	0.1923
002.08	2	2	40.9665	0.1889												
002.10	8	7	40.7631	0.3926	40.7368	0.3555	0.0950	0.87%	0.3676	0.1948	0.4161	0.90%	0.48%	1.02%	2.1354	0.2032
002.11	8	8	39.7787	1.2072	39.5638	0.7723	0.1931	1.95%	1.1789	0.3680	1.2350	2.96%	0.93%	3.10%	3.3561	0.3429
002.99	2	2	40.1325	0.0884												
003.00	22	21	3.3680	0.9221	3.2258	0.6721	0.1037	20.84%	0.9199	0.0897	0.9243	27.31%	2.66%	27.44%	10.2998	0.1000
003.01	2	2	3.3970	0.2941												
003.06	23	22	2.7699	0.2608	2.7451	0.1800	0.0271	6.56%	0.1931	0.2479	0.3142	6.97%	8.95%	11.34%	1.2677	0.1439
003.09	28	28	3.6808	1.1813	3.4627	0.5221	0.0698	15.08%	1.1763	0.1536	1.1863	31.96%	4.17%	32.23%	7.7243	0.1489
003.10	36	33	2.7923	0.3197	2.7413	0.1894	0.0233	6.91%	0.3153	0.0749	0.3241	11.29%	2.68%	11.61%	4.3245	0.0742
003.11	7	7	2.6033	0.4533	2.8239	0.0654	0.0175	2.32%	0.4527	0.0327	0.4538	17.39%	1.26%	17.43%	13.8652	0.0343
003.12	3	3	3.0583	0.4641	3.0583	0.4641	0.1895	15.17%	0.4625	0.0537	0.4656	15.12%	1.76%	15.22%	8.6713	0.0500
003.13	7	7	2.8341	0.2668	2.8220	0.2116	0.0566	7.50%	0.2655	0.0374	0.2681	9.37%	1.32%	9.46%	7.1737	0.0391

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 %/sd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
003.14	24	23	3.1861	0.6521	3.0733	0.3911	0.0577	12.73%	0.6418	0.1636	0.6623	20.14%	5.14%	20.79%	4.0479	0.1222
003.99	9	7	3.2850	0.4033	3.2590	0.3959	0.1058	12.15%	0.3969	0.1017	0.4097	12.08%	3.10%	12.47%	4.0271	0.0957
004.00	29	27	7.5640	1.2104	7.5020	0.7735	0.1053	10.31%	1.2014	0.2083	1.2193	15.88%	2.75%	16.12%	5.8534	0.2057
004.01	2	2	9.1025	1.7642												
004.03	2	2	8.3693	0.2910												
004.06	31	29	7.7240	0.4759	7.7145	0.4408	0.0579	5.71%	0.4678	0.1235	0.4839	6.06%	1.60%	6.26%	3.9177	0.1270
004.07	46	44	7.9511	1.5107	7.9907	1.1036	0.1176	13.81%	1.5051	0.1844	1.5163	18.93%	2.32%	19.07%	8.2215	0.1963
004.11	6	5	6.9190	0.8843	6.9190	0.8843	0.2796	12.78%	0.8832	0.0620	0.8854	12.76%	0.90%	12.80%	14.2693	0.0740
004.99	2	2	6.3450	0.4313												
005.00	190	125	20.7211	0.9683	20.8824	0.7082	0.0448	3.39%	0.9588	0.1917	0.9778	4.63%	0.93%	4.72%	5.0996	0.1902
005.02	2	2	19.9650	2.1001												
005.03	1		19.5950													
005.05	14	13	21.0570	1.2766	21.4889	0.5385	0.1056	2.51%	1.2730	0.1348	1.2801	6.05%	0.64%	6.08%	9.4939	0.1239
005.11	5	5	20.9831	1.8544	20.9831	1.8544	0.5864	8.84%	1.8329	0.3980	1.8756	8.74%	1.90%	8.94%	4.7120	0.3338
005.99	11	11	20.9158	1.4297	20.9451	1.4151	0.3017	6.76%	1.4126	0.3116	1.4466	6.75%	1.49%	6.92%	4.6423	0.3301
008.02	14	14	12.4050	1.4956	12.3161	1.1368	0.2148	9.23%	1.4860	0.2384	1.5050	11.98%	1.92%	12.13%	6.3130	0.2586
008.05	1		13.6000													
008.08	29	29	10.5001	1.2711	10.6402	1.1076	0.1454	10.41%	1.2400	0.3950	1.3014	11.81%	3.76%	12.39%	3.2944	0.4154
008.99	2	2	28.6575	20.8703												
009.04	1		23.1450													
009.07	10	10	22.2935	2.8935	21.8173	2.0165	0.4509	9.24%	2.8805	0.3873	2.9064	12.92%	1.74%	13.04%	7.5035	0.4250
009.09	23	22	20.0362	1.5141	19.8967	1.3935	0.2101	7.00%	1.4817	0.4410	1.5459	7.39%	2.20%	7.72%	3.5057	0.4596
009.99	2	2	19.5375	0.3359												
010.03	4	4	6.9643	0.6848	6.9643	0.6848	0.2421	9.83%	0.6546	0.2844	0.7137	9.40%	4.08%	10.25%	2.5097	0.3030
010.11	8	7	8.1363	1.0785	7.9352	0.7744	0.2070	9.76%	1.0777	0.0602	1.0794	13.25%	0.74%	13.27%	17.9354	0.0760
010.99	14	13	8.6499	0.8803	8.6499	0.9983	0.1958	11.54%	0.8757	0.1270	0.8849	10.12%	1.47%	10.23%	6.9658	0.1152
011.01	152	83	11.2895	1.0481	11.3458	0.9600	0.0745	8.46%	1.0409	0.1734	1.0553	9.22%	1.54%	9.35%	6.0864	0.1682
011.02	2	2	10.3625	0.2369												
011.99	3	3	9.3533	1.5316	9.3533	1.5316	0.6253	16.38%	1.5285	0.1384	1.5348	16.34%	1.48%	16.41%	11.0858	0.1733
012.00	9	9	6.7183	0.6585	6.8063	0.5874	0.1385	8.63%	0.6235	0.2993	0.6916	9.28%	4.46%	10.29%	2.3108	0.2722
012.01	2	2	6.5810	0.1259												
012.03	3	3	5.4833	0.6612	5.4833	0.6612	0.2699	12.06%	0.6449	0.2069	0.6772	11.76%	3.77%	12.35%	3.2735	0.2000
012.04	5	5	6.1890	2.0399	6.1890	2.0399	0.6451	32.96%	2.0344	0.2133	2.0455	32.87%	3.45%	33.05%	9.5906	0.1940
012.11	2	2	22.0375	22.3128												
013.00	9	7	3.9543	0.4635	3.9543	0.5256	0.1405	13.29%	0.4520	0.1453	0.4748	11.43%	3.67%	12.01%	3.2684	0.1714
013.02	93	30	4.0377	0.3594	4.0243	0.3193	0.0412	7.93%	0.3511	0.1083	0.3674	8.70%	2.68%	9.10%	3.3915	0.1091
013.03	1		3.5700													
013.10	15	14	3.6902	0.5414	3.6067	0.4151	0.0785	11.51%	0.5316	0.1443	0.5509	14.41%	3.91%	14.93%	3.8172	0.1689

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013.11	2	2	4.0175	0.1025												
013.13	1		6.5600													
013.99	1		3.3450													
015.41	4	4	1754.6750	159.7143	1754.6750	159.7143	56.4675	9.10%	151.1449	72.9915	167.8467	8.61%	4.16%	9.57%	2.2995	78.4975
015.42	3	3	1243.8333	716.9478	1243.8333	716.9478	292.6927	57.64%	713.8274	94.4938	720.0546	57.39%	7.60%	57.89%	7.6201	108.7333
015.43	3	3	1101.8167	1058.9577	1101.8167	1058.9577	432.3177	96.11%	1058.8525	21.1080	1059.0629	96.10%	1.92%	96.12%	50.1735	24.9000
015.52	1		1592.3400													
016.00	1		0.1555													
016.99	1		0.3526													
017.31	1		13.8500													
017.41	2	2	8.7150	1.0324												
017.42	3	3	8.3567	1.2757	8.3567	1.2757	0.5208	15.27%	1.1884	0.6559	1.3574	14.22%	7.85%	16.24%	2.0695	0.5933
017.43	3	3	10.2783	2.0134	10.2783	2.0134	0.8220	19.59%	2.0092	0.1839	2.0176	19.55%	1.79%	19.63%	10.9715	0.2167
018.41	1		0.1780													
018.42	2	2	0.2678	0.1382												
018.52	1		0.2570													
019.00	15	15	5.3694	0.4278	5.3816	0.2859	0.0522	5.31%	0.4266	0.0449	0.4289	7.94%	0.84%	7.99%	9.5452	0.0465
019.03	6	6	5.3851	0.3424	5.4235	0.2107	0.0608	3.88%	0.3342	0.1058	0.3505	6.21%	1.96%	6.51%	3.3134	0.1150
019.08	9	8	5.4312	0.2002	5.4472	0.1904	0.0476	3.50%	0.1967	0.0523	0.2035	3.62%	0.96%	3.75%	3.8903	0.0591
019.31	37	36	5.4148	0.4024	5.4540	0.2173	0.0256	3.98%	0.3909	0.1350	0.4136	7.22%	2.49%	7.64%	3.0637	0.1398
019.32	13	13	5.5493	0.3422	5.4724	0.0994	0.0195	1.82%	0.3379	0.0762	0.3464	6.09%	1.37%	6.24%	4.5488	0.0791
019.33	1		5.9350													
019.41	41	40	5.4556	0.2966	5.4671	0.2740	0.0306	5.01%	0.2872	0.1051	0.3058	5.26%	1.93%	5.60%	2.9106	0.0916
019.42	24	23	5.3315	0.3310	5.3072	0.1818	0.0268	3.42%	0.3097	0.1651	0.3510	5.81%	3.10%	6.58%	2.1258	0.1583
019.43	9	9	5.4530	0.4129	5.4359	0.4310	0.1016	7.93%	0.4042	0.1188	0.4213	7.41%	2.18%	7.73%	3.5465	0.1218
019.52	1		5.8025													
019.53	1		4.9200													
019.99	1		4.7000													
020.31	1		15.5000													
020.32	1		13.7709													
020.41	2	2	10.9291	0.6659												
020.42	4	4	12.4738	1.7450	12.4738	1.7450	0.6170	13.99%	1.6664	0.7324	1.8202	13.36%	5.87%	14.59%	2.4854	0.7425
020.43	2	2	12.7168	1.6783												
020.52	1		14.7500													
020.99	1		2.4350													
021.31	4	4	9.6663	3.6056	9.6663	3.6056	1.2748	37.30%	3.6021	0.2243	3.6091	37.26%	2.32%	37.34%	16.0900	0.2875
021.32	1		18.8897													
021.33	1		9.6610													

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021.41	3	3	10.3197	0.2793	10.3197	0.2793	0.1140	2.71%	0.1723	0.3109	0.3555	1.67%	3.01%	3.44%	1.1432	0.4150
021.42	6	5	10.0770	0.8028	10.0770	0.8028	0.2539	7.97%	0.7437	0.4277	0.8579	7.38%	4.24%	8.51%	2.0056	0.4140
021.43	3	3	10.4748	2.2713	10.4748	2.2713	0.9273	21.68%	2.2589	0.3356	2.2837	21.57%	3.20%	21.80%	6.8052	0.3637
021.52	1		10.3400													
021.99	1		10.9774													
022.31	20	20	151.6037	12.4167	149.9849	4.6781	0.7397	3.12%	12.2689	2.7012	12.5627	8.09%	1.78%	8.29%	4.6508	2.7627
022.32	6	6	154.3528	14.6565	152.9167	10.9629	3.1647	7.17%	14.5731	2.2075	14.7394	9.44%	1.43%	9.55%	6.6768	2.2101
022.33	1		704.5000													
022.41	34	33	144.9155	9.8140	145.1036	10.3461	1.2735	7.13%	9.4684	3.6504	10.1477	6.53%	2.52%	7.00%	2.7799	3.4896
022.42	24	24	148.1938	8.1972	147.3483	6.6427	0.9588	4.51%	7.6246	4.2566	8.7323	5.14%	2.87%	5.89%	2.0515	3.9108
022.43	10	10	147.4589	15.3907	141.8056	5.1735	1.1568	3.65%	15.2785	2.6231	15.5020	10.36%	1.78%	10.51%	5.9097	2.7093
022.52	2	2	132.0375	5.7099												
022.53	1		145.0000													
022.99	2	2	138.2955	22.3382												
023.01	2	2	0.0038	0.0011												
025.31	21	20	994.2545	91.6721	987.8540	70.3643	11.1256	7.12%	91.0672	14.8693	92.2731	9.16%	1.50%	9.28%	6.2056	15.2210
025.32	5	5	895.7960	296.7838	895.7960	296.7838	93.8513	33.13%	291.7879	76.6871	301.6970	32.57%	8.56%	33.68%	3.9341	63.8722
025.33	1		702.5000													
025.41	34	33	943.7176	102.9173	958.8995	46.7257	5.7515	4.87%	101.9162	20.2516	103.9088	10.80%	2.15%	11.01%	5.1309	18.2541
025.42	22	21	630.1712	179.5092	660.3654	111.4041	17.1900	16.87%	179.0369	18.4045	179.9804	28.41%	2.92%	28.56%	9.7792	20.3024
025.43	8	8	708.5103	345.0842	749.2330	292.2318	73.0580	39.00%	344.9711	12.4941	345.1972	48.69%	1.76%	48.72%	27.6287	12.4496
025.52	1		913.1600													
025.99	1		960.9351													
026.31	2	2	0.9783	0.5964												
026.52	1		1.1515													
026.99	1		0.1340													
027.31	23	23	0.2983	0.0319	0.2919	0.0146	0.0021	4.99%	0.0313	0.0086	0.0325	10.49%	2.89%	10.88%	3.7591	0.0085
027.32	9	8	0.2843	0.0135	0.2850	0.0137	0.0034	4.81%	0.0133	0.0032	0.0137	4.69%	1.12%	4.82%	4.2877	0.0026
027.41	36	34	0.2897	0.0246	0.2869	0.0156	0.0019	5.43%	0.0234	0.0107	0.0258	8.09%	3.69%	8.89%	2.4067	0.0094
027.42	24	23	0.2617	0.0197	0.2606	0.0128	0.0019	4.90%	0.0193	0.0057	0.0201	7.38%	2.18%	7.70%	3.5307	0.0044
027.43	8	8	0.2732	0.0186	0.2753	0.0172	0.0043	6.25%	0.0181	0.0062	0.0191	6.63%	2.28%	7.01%	3.0804	0.0080
027.52	1		0.2511													
027.53	1		0.2585													
028.31	20	19	395.3661	23.4997	397.3314	20.7462	3.3655	5.22%	22.7402	8.3806	24.2353	5.75%	2.12%	6.13%	2.8918	8.9500
028.32	6	6	398.5408	6.2740	399.8956	3.7745	1.0896	0.94%	5.6730	3.7896	6.8223	1.42%	0.95%	1.71%	1.8003	5.0124
028.41	34	34	384.4260	23.2678	382.9395	20.0484	2.4312	5.24%	22.2851	9.4622	24.2107	5.80%	2.46%	6.30%	2.5587	9.5676
028.42	23	22	385.7470	30.9124	384.8601	24.6154	3.7109	6.40%	30.2908	8.7230	31.5217	7.85%	2.26%	8.17%	3.6136	8.9459
028.43	10	10	395.0639	38.0110	391.3906	33.9179	7.5843	8.67%	37.7343	6.4735	38.2856	9.55%	1.64%	9.69%	5.9142	7.4723

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028.52	1		363.3650													
028.53	1		354.0000													
028.99	2	2	366.5386	64.4013												
029.99	2	2	0.0873	0.1164												
031.01	58	56	1.0200	0.0756	1.0258	0.0495	0.0047	4.82%	0.0750	0.0138	0.0763	7.35%	1.35%	7.48%	5.5270	0.0141
031.02	3	3	1.0270	0.0075	1.0270	0.0075	0.0031	0.74%	0.0068	0.0047	0.0083	0.66%	0.46%	0.80%	1.7490	0.0053
031.03	8	8	0.9920	0.0517	1.0017	0.0325	0.0081	3.25%	0.0507	0.0142	0.0526	5.11%	1.43%	5.31%	3.7066	0.0185
031.06	3	3	1.0770	0.0900	1.0770	0.0900	0.0367	8.35%	0.0899	0.0058	0.0901	8.35%	0.54%	8.36%	15.6001	0.0067
031.41	40	38	1.0249	0.0444	1.0291	0.0348	0.0040	3.38%	0.0423	0.0192	0.0465	4.13%	1.87%	4.53%	2.4226	0.0200
031.42	24	24	0.9995	0.0713	0.9995	0.0607	0.0088	6.07%	0.0675	0.0322	0.0748	6.76%	3.22%	7.48%	2.3226	0.0307
031.43	10	10	1.0211	0.0540	1.0102	0.0373	0.0083	3.69%	0.0526	0.0173	0.0554	5.16%	1.69%	5.43%	3.2083	0.0182
031.52	1		0.9850													
031.53	1		0.9425													
031.99	5	5	1.0123	0.0299	1.0123	0.0299	0.0095	2.95%	0.0290	0.0102	0.0308	2.87%	1.01%	3.04%	3.0145	0.0098
032.02	7	7	1.0508	0.1472	1.0823	0.0914	0.0244	8.45%	0.1451	0.0345	0.1492	13.81%	3.29%	14.20%	4.3204	0.0356
032.04	1		1.1150													
032.31	20	19	1.0707	0.0701	1.0655	0.0653	0.0106	6.13%	0.0674	0.0272	0.0727	6.30%	2.54%	6.79%	2.6772	0.0267
032.32	7	7	1.0892	0.0298	1.0993	0.0155	0.0042	1.41%	0.0276	0.0159	0.0319	2.54%	1.46%	2.93%	2.0072	0.0187
032.41	40	39	1.1026	0.0736	1.0965	0.0640	0.0072	5.84%	0.0704	0.0303	0.0766	6.38%	2.75%	6.95%	2.5273	0.0315
032.42	23	23	1.0587	0.1021	1.0474	0.0442	0.0065	4.22%	0.0997	0.0307	0.1043	9.42%	2.90%	9.86%	3.4032	0.0314
032.43	10	10	1.0887	0.1184	1.0694	0.0935	0.0209	8.75%	0.1180	0.0149	0.1189	10.83%	1.37%	10.92%	7.9819	0.0146
032.52	1		1.0705													
032.53	1		0.9750													
032.99	2	2	1.0250	0.0212												
033.00	25	24	3.6560	0.2060	3.6876	0.1111	0.0160	3.01%	0.2028	0.0513	0.2092	5.55%	1.40%	5.72%	4.0749	0.0496
033.01	38	37	3.6518	0.3680	3.7345	0.0869	0.0101	2.33%	0.3667	0.0441	0.3693	10.04%	1.21%	10.11%	8.3729	0.0386
033.03	9	8	4.3513	0.6868	4.0676	0.1652	0.0413	4.06%	0.6857	0.0553	0.6879	15.76%	1.27%	15.81%	12.4303	0.0325
033.05	2	2	3.5725	0.2227												
033.99	12	12	3.4371	0.8105	3.6301	0.2489	0.0508	6.86%	0.8093	0.0636	0.8118	23.55%	1.85%	23.62%	12.7651	0.0474
034.01	2	2	1.6950	0.7990												
034.04	6	6	2.4288	0.3006	2.4288	0.3409	0.0984	14.03%	0.2936	0.0908	0.3074	12.09%	3.74%	12.65%	3.3839	0.1067
034.34	1		0.8500													
034.42	3	3	1.9933	2.8951	1.9933	2.8951	1.1819	145.24%	2.5012	2.0619	3.2416	125.48%	103.44%	162.62%	1.5721	1.7200
034.52	2	2	2.5228	0.3779												
034.99	3	3	2.2378	0.3390	2.2378	0.3390	0.1384	15.15%	0.3331	0.0891	0.3448	14.88%	3.98%	15.41%	3.8689	0.1073
035.01	3	3	1.3117	0.1550	1.3117	0.1550	0.0633	11.82%	0.1547	0.0135	0.1553	11.80%	1.03%	11.84%	11.4713	0.0167
035.05	6	6	1.3592	0.1457	1.3773	0.1249	0.0361	9.07%	0.1392	0.0608	0.1519	10.24%	4.47%	11.18%	2.5004	0.0683
035.31	23	23	1.3938	0.2397	1.3476	0.0692	0.0102	5.14%	0.2381	0.0388	0.2413	17.08%	2.78%	17.31%	6.2205	0.0360

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ftp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %/srd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
035.32	6	6	1.3498	0.1610	1.3947	0.0770	0.0222	5.52%	0.1608	0.0108	0.1611	11.91%	0.80%	11.94%	14.9332	0.0139
035.41	36	35	1.3412	0.0838	1.3475	0.0757	0.0090	5.62%	0.0774	0.0454	0.0897	5.77%	3.39%	6.69%	1.9755	0.0425
035.42	19	19	1.3183	0.2954	1.3748	0.0843	0.0137	6.14%	0.2934	0.0484	0.2974	22.26%	3.67%	22.56%	6.1413	0.0511
035.43	6	6	1.3912	0.0860	1.3912	0.0975	0.0281	7.01%	0.0833	0.0301	0.0886	5.99%	2.17%	6.37%	2.9377	0.0325
035.52	1		1.4995													
035.53	1		1.3150													
036.00	1		0.6400													
036.04	1		0.5200													
036.42	19	19	0.5463	0.0641	0.5522	0.0512	0.0083	9.28%	0.0626	0.0194	0.0656	11.46%	3.55%	12.00%	3.3784	0.0214
036.43	7	7	0.5781	0.0972	0.5605	0.0765	0.0205	13.65%	0.0970	0.0084	0.0974	16.79%	1.46%	16.85%	11.5295	0.0097
036.99	1		0.3025													
037.31	20	20	657.4033	47.0504	657.8048	39.7979	6.2926	6.05%	46.1152	13.2005	47.9673	7.01%	2.01%	7.30%	3.6338	14.5401
037.32	7	7	682.9993	33.1484	686.6866	22.3377	5.9700	3.25%	31.1868	15.8871	35.0002	4.57%	2.33%	5.12%	2.2031	17.1773
037.33	1		142.5000													
037.41	34	34	639.1292	49.5336	636.8385	42.4667	5.1498	6.67%	48.8820	11.3256	50.1768	7.65%	1.77%	7.85%	4.4304	11.8761
037.42	23	23	630.7861	54.1180	633.9598	50.5507	7.4533	7.97%	52.8546	16.4411	55.3527	8.38%	2.61%	8.78%	3.3667	15.3800
037.43	9	9	579.6110	228.7809	632.1826	39.7578	9.3710	6.29%	228.7154	7.7441	228.8465	39.46%	1.34%	39.48%	29.5510	8.8622
037.52	1		604.8500													
037.53	1		634.5000													
037.99	2	2	664.6057	12.8773												
038.31	1		3.2000													
038.41	2	2	2.4371	0.4485												
038.42	5	5	2.0211	0.5392	2.0211	0.5392	0.1705	26.68%	0.4936	0.3070	0.5813	24.42%	15.19%	28.76%	1.8934	0.2598
038.43	4	4	4.4318	4.7557	4.4318	4.7557	1.6814	107.31%	4.7539	0.1803	4.7574	107.27%	4.07%	107.35%	26.3840	0.1725
038.52	1		2.5100													
039.31	1		16.5000													
039.41	1		15.9003													
039.42	3	3	15.9000	0.9367	15.9000	0.9367	0.3824	5.89%	0.8922	0.4038	0.9793	5.61%	2.54%	6.16%	2.4251	0.4933
039.43	1		16.3980													
039.52	1		17.8400													
040.42	1		5.2800													
040.43	1		5.4335													
041.42	1		4.1385													
041.43	1		4.3380													
041.52	1		2.8400													
065.00	5	5	245.8700	17.8794	245.8700	17.8794	5.6540	7.27%	16.6697	9.1425	19.0122	6.78%	3.72%	7.73%	2.0795	10.0200
065.01	2	2	212.0000	4.2426												
065.03	8	8	244.8563	25.1237	243.7563	26.5645	6.6411	10.90%	24.1835	9.6291	26.0300	9.88%	3.93%	10.63%	2.7033	8.8725

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065.04	4	4	233.7375	15.3595	233.7375	15.3595	5.4304	6.57%	15.3181	1.5941	15.4009	6.55%	0.68%	6.59%	9.6610	1.7250
065.99	3	3	254.5000	38.5778	254.5000	38.5778	15.7493	15.16%	37.7425	11.2916	39.3954	14.83%	4.44%	15.48%	3.4889	13.0000
104.00	1		6.5200													
105.00	1		1.2145													
106.00	3	3	21.2414	1.2820	21.2414	1.2820	0.5234	6.04%	1.2178	0.5670	1.3433	5.73%	2.67%	6.32%	2.3693	0.6559
106.02	21	20	22.1007	8.5778	22.0715	7.1007	1.1227	32.17%	8.5328	1.2410	8.6226	38.61%	5.62%	39.02%	6.9481	1.2849
108.01	1		3.2550													
108.02	5	5	10.7090	10.9173	10.7090	10.9173	3.4524	101.95%	10.9170	0.1283	10.9177	101.94%	1.20%	101.95%	85.1234	0.0980
109.02	6	5	6.2686	1.0337	6.2686	1.0337	0.3269	16.49%	1.0320	0.0851	1.0355	16.46%	1.36%	16.52%	12.1672	0.0957
120.00	13	12	1.2761	0.0362	1.2721	0.0291	0.0059	2.28%	0.0340	0.0176	0.0383	2.66%	1.38%	3.00%	2.1727	0.0157
120.05	3	3	1.2380	0.1095	1.2380	0.1095	0.0447	8.84%	0.1074	0.0304	0.1116	8.67%	2.45%	9.01%	3.6741	0.0387
120.99	2	2	1.1595	0.1124												
121.00	13	12	1.2043	0.0460	1.2043	0.0521	0.0106	4.33%	0.0443	0.0173	0.0476	3.68%	1.44%	3.95%	2.7452	0.0193
121.05	3	3	1.1880	0.1838	1.1880	0.1838	0.0750	15.47%	0.1707	0.0962	0.1960	14.37%	8.10%	16.50%	2.0368	0.1133
121.99	2	2	1.1645	0.0983												
122.00	13	12	1.5978	0.0937	1.6119	0.0509	0.0104	3.16%	0.0924	0.0225	0.0951	5.78%	1.41%	5.95%	4.2166	0.0228
122.05	3	3	1.5708	0.3010	1.5708	0.3010	0.1229	19.16%	0.3004	0.0279	0.3017	19.12%	1.78%	19.20%	10.7982	0.0363
122.99	2	2	1.5250	0.0636												
123.99	1		2.7175													
124.00	12	12	0.5611	0.0447	0.5597	0.0427	0.0087	7.62%	0.0430	0.0172	0.0463	7.65%	3.07%	8.25%	2.6854	0.0164
124.02	2	2	0.5228	0.0392												
124.05	1		0.4420													
124.99	2	2	0.5605	0.0573												
125.00	13	12	2.8295833	0.1342707	2.8494583	0.0690188	0.014088	2.42%	0.1321809	0.033372	0.1363285	4.67%	1.18%	4.82%	4.08516	0.0265
125.05	3	3	2.7835	0.4399054	2.7835	0.4399054	0.179591	15.80%	0.439082	0.038046	0.4407272	15.77%	1.37%	15.83%	11.58405	0.037
125.99	1		2.605													
126.00	13	12	1.1805	0.0575239	1.1792992	0.0500237	0.010211	4.24%	0.0567928	0.012929	0.0582459	4.81%	1.10%	4.93%	4.504955	0.013167
126.05	3	3	1.2416667	0.1758418	1.2416667	0.1758418	0.071787	14.16%	0.1746539	0.028856	0.1770217	14.07%	2.32%	14.26%	6.134664	0.032667
126.99	2	2	1.13175	0.0590434												
127.00	13	12	0.5051167	0.0582328	0.4984741	0.0484075	0.009881	9.71%	0.0502725	0.041563	0.0652287	9.95%	8.23%	12.91%	1.569404	0.024567
127.05	3	3	0.3875	0.0871091	0.3875	0.0871091	0.035562	22.48%	0.0840303	0.032463	0.0900828	21.69%	8.38%	23.25%	2.774956	0.035
127.99	2	2	0.42225	0.0385373												
128.00	13	12	0.8210833	0.0252441	0.8204167	0.0240377	0.004907	2.93%	0.0240835	0.0107	0.0263537	2.93%	1.30%	3.21%	2.462851	0.012333
128.05	3	3	0.8655	0.1358832	0.8655	0.1358832	0.055474	15.70%	0.134233	0.029858	0.1375136	15.51%	3.45%	15.89%	4.605588	0.026333
128.99	2	2	0.7915	0.0516188												
129.00	13	12	1.70525	0.0677242	1.7236955	0.0338752	0.006915	1.97%	0.0665888	0.017464	0.0688409	3.90%	1.02%	4.04%	3.941818	0.019
129.05	3	3	1.7636667	0.2714979	1.7636667	0.2714979	0.110839	15.39%	0.2530868	0.138983	0.2887373	14.35%	7.88%	16.37%	2.077498	0.12
129.99	2	2	1.6145	0.0700036												

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130.00	13	12	0.9364167	0.0351256	0.9424524	0.0235074	0.004798	2.49%	0.0328655	0.017531	0.0372489	3.51%	1.87%	3.98%	2.124751	0.016833
130.05	4	4	0.984	0.2137502	0.984	0.2137502	0.075572	21.72%	0.2130024	0.025264	0.2144954	21.65%	2.57%	21.80%	8.490292	0.032
130.99	2	2	0.85575	0.1212688												
131.00	12	12	0.2627792	0.0810783	0.2437196	0.0231548	0.004726	9.50%	0.0806022	0.012407	0.0815515	30.67%	4.72%	31.03%	6.572953	0.011858
131.02	1		0.215													
131.05	3	3	0.2815	0.0327529	0.2815	0.0327529	0.013371	11.64%	0.023388	0.032427	0.0399812	8.31%	11.52%	14.20%	1.232968	0.037667
131.99	2	2	0.2465	0.0021213												
132.00	13	12	0.9229583	0.0834809	0.937375	0.0468683	0.009567	5.00%	0.0820462	0.021794	0.0848914	8.89%	2.36%	9.20%	3.895254	0.022583
132.05	3	3	0.9761667	0.18903	0.9761667	0.18903	0.077171	19.36%	0.1865603	0.043072	0.1914678	19.11%	4.41%	19.61%	4.445333	0.044333
132.99	2	2	0.87125	0.129047												
133.00	13	12	1.575375	0.1245906	1.5685758	0.0579207	0.011823	3.69%	0.1235301	0.022941	0.1256422	7.84%	1.46%	7.98%	5.476743	0.025917
133.05	3	3	1.535	0.1901296	1.535	0.1901296	0.07762	12.39%	0.1695713	0.121613	0.2086722	11.05%	7.92%	13.59%	1.715874	0.168667
133.99	1		1.455													
134.00	13	13	1.3339885	0.1078611	1.3373955	0.0772107	0.015142	5.77%	0.1031634	0.044527	0.1123625	7.73%	3.34%	8.42%	2.523472	0.043285
134.05	3	3	1.4326667	0.1840715	1.4326667	0.1840715	0.075147	12.85%	0.1832239	0.024953	0.1849153	12.79%	1.74%	12.91%	7.410458	0.033333
134.99	2	2	1.23	0.0353553												
135.00	13	12	1.158375	0.0473872	1.156375	0.0379179	0.00774	3.28%	0.0447845	0.021904	0.0498543	3.87%	1.89%	4.30%	2.276019	0.020083
135.05	3	3	1.2011667	0.2151838	1.2011667	0.2151838	0.087848	17.91%	0.2102324	0.064906	0.2200239	17.50%	5.40%	18.32%	3.389867	0.061
135.99	2	2	1.10075	0.0647003												
136.00	1		0.2085													
136.01	6	6	0.18675	0.018525	0.1883622	0.0181612	0.005243	9.64%	0.0184472	0.002398	0.0186024	9.88%	1.28%	9.96%	7.757745	0.002833
136.03	1		0.223													
136.99	4	4	0.185625	0.0206695	0.185625	0.0206695	0.007308	11.14%	0.020571	0.00285	0.0207676	11.08%	1.54%	11.19%	7.285743	0.00225
137.00	8	7	0.6342143	0.0279581	0.6269709	0.0120607	0.003223	1.92%	0.0266708	0.011859	0.0291886	4.21%	1.87%	4.60%	2.461245	0.013
137.05	2	2	0.7755	0.0742462												
137.99	2	2	0.6145	0.0148492												
138.00	13	12	1.203	0.0683015	1.2023266	0.0760594	0.015526	6.33%	0.066787	0.020228	0.0697831	5.55%	1.68%	5.80%	3.449847	0.019333
138.05	3	3	1.2663333	0.2552001	1.2663333	0.2552001	0.104185	20.15%	0.2545478	0.025788	0.2558507	20.10%	2.04%	20.20%	9.921465	0.028
138.99	2	2	1.19525	0.0781353												
139.00	1		0.075													
140.01	1		0.161													
142.00	1		0.2925													
300.99	1		9.56													