

AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201127

Dairy Herd & Beef Calf Milk Replacer, 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	1		2.3000													
001.00	9	8	4.9126	2.6631	3.9026	0.55319	0.13830	14.18%	2.6580	0.23369	2.6682	54.10%	4.76%	54.31%	11.418	0.20564
001.02	1		2.9650													
001.03	17	16	3.8691	0.38426	3.8999	0.35398	0.06257	9.08%	0.38146	0.06549	0.38704	9.86%	1.69%	10.00%	5.9100	0.06263
001.05	1		3.8600													
001.07	41	40	4.2866	1.7035	3.9479	0.48613	0.05435	12.31%	1.7017	0.11103	1.7053	39.70%	2.59%	39.78%	15.359	0.09812
001.08	1		3.8050													
001.99	18	17	4.2288	1.2798	4.1781	1.3176	0.22596	31.54%	1.2791	0.06245	1.2806	30.25%	1.48%	30.28%	20.507	0.06726
002.00	7	7	19.459	0.44664	19.459	0.50649	0.13537	2.60%	0.43716	0.12945	0.45593	2.25%	0.67%	2.34%	3.5220	0.16857
002.01	12	11	19.553	0.16410	19.558	0.17462	0.03723	0.89%	0.15856	0.05978	0.16945	0.81%	0.31%	0.87%	2.8347	0.05973
002.02	7	7	19.679	0.40870	19.701	0.42331	0.11314	2.15%	0.40217	0.10295	0.41513	2.04%	0.52%	2.11%	4.0323	0.11551
002.04	8	7	19.205	1.3487	19.261	1.4301	0.38220	7.42%	1.3484	0.04217	1.3491	7.02%	0.22%	7.02%	31.989	0.04143
002.05	36	35	19.571	0.19983	19.572	0.17704	0.02116	0.90%	0.19199	0.07838	0.20738	0.98%	0.40%	1.06%	2.6457	0.07047
002.06	224	143	19.831	0.81378	19.902	0.35452	0.02096	1.78%	0.79279	0.25974	0.83425	4.00%	1.31%	4.21%	3.2119	0.18181
002.08	3	3	19.807	0.20648	19.807	0.20648	0.08429	1.04%	0.20445	0.04082	0.20849	1.03%	0.21%	1.05%	5.1069	0.03333
002.10	5	5	19.442	0.91408	19.442	0.91408	0.28906	4.70%	0.76263	0.71264	1.0438	3.92%	3.67%	5.37%	1.4647	0.59624
002.11	5	5	19.697	3.4078	19.697	3.4078	1.0776	17.30%	3.4074	0.07479	3.4082	17.30%	0.38%	17.30%	45.570	0.09920
002.99	3	3	19.850	0.13077	19.850	0.13077	0.05339	0.66%	0.11986	0.07394	0.14083	0.60%	0.37%	0.71%	1.9047	0.06667
003.00	17	17	15.718	4.9264	16.130	4.5808	0.78560	28.40%	4.9226	0.27344	4.9302	31.32%	1.74%	31.37%	18.030	0.22922
003.01	1		14.320													
003.06	17	16	13.489	2.8759	12.492	1.2697	0.22446	10.16%	2.8698	0.26653	2.8821	21.28%	1.98%	21.37%	10.813	0.24500
003.09	14	13	17.058	2.0787	17.242	1.5310	0.30024	8.88%	2.0741	0.19515	2.0833	12.16%	1.14%	12.21%	10.675	0.19140
003.10	29	28	11.800	3.2620	11.258	2.0036	0.26775	17.80%	3.2588	0.20413	3.2652	27.62%	1.73%	27.67%	15.996	0.18324
003.11	5	5	21.214	3.2483	21.214	3.2483	1.0272	15.31%	3.2482	0.04488	3.2485	15.31%	0.21%	15.31%	72.384	0.04380
003.12	14	14	14.274	2.8347	13.991	2.3510	0.44430	16.80%	2.8343	0.06597	2.8351	19.86%	0.46%	19.86%	42.976	0.07693
003.13	5	5	15.500	3.8867	15.500	3.8867	1.2291	25.08%	3.8833	0.22917	3.8900	25.05%	1.48%	25.10%	16.974	0.29600
003.14	20	20	16.459	1.6412	15.977	0.96952	0.15330	6.07%	1.6351	0.19937	1.6472	9.93%	1.21%	10.01%	8.2624	0.18750

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003.99	8	6	17.594	3.8042	18.341	3.0826	0.88987	16.81%	3.7840	0.55282	3.8242	21.51%	3.14%	21.74%	6.9177	0.61500
004.00	19	18	0.22623	0.16859	0.20357	0.09407	0.01568	46.21%	0.16483	0.05009	0.17227	72.86%	22.14%	76.15%	3.4394	0.05083
004.03	3	3	0.17133	0.06841	0.17133	0.06841	0.02793	39.93%	0.06675	0.02120	0.07004	38.96%	12.37%	40.88%	3.3040	0.02800
004.06	38	37	0.29294	0.29051	0.25053	0.19564	0.02274	78.09%	0.28748	0.05919	0.29351	98.13%	20.21%	100.19%	4.9584	0.05414
004.07	42	40	0.60401	0.47638	0.53895	0.40328	0.04509	74.83%	0.47164	0.09481	0.48108	78.08%	15.70%	79.65%	5.0739	0.08203
005.00	189	113	11.770	0.16048	11.766	0.10662	0.00709	0.91%	0.15623	0.05190	0.16463	1.33%	0.44%	1.40%	3.1722	0.05243
005.02	1		11.940													
005.03	1		11.900													
005.05	28	26	11.848	0.19009	11.821	0.08874	0.01231	0.75%	0.18837	0.03609	0.19180	1.59%	0.30%	1.62%	5.3138	0.03662
005.11	3	3	10.391	4.5334	10.391	4.5334	1.8508	43.63%	4.5332	0.05848	4.5336	43.63%	0.56%	43.63%	77.531	0.05800
005.99	10	10	11.563	0.75744	11.833	0.08596	0.01922	0.73%	0.75672	0.04667	0.75816	6.54%	0.40%	6.56%	16.246	0.05377
006.01	1		26.350													
006.99	2	2	57.428	34.899												
008.02	6	5	0.39800	0.63144	0.39800	0.63144	0.19968	158.65%	0.63078	0.04099	0.63211	158.49%	10.30%	158.82%	15.422	0.04800
008.05	1		3.8500													
008.08	17	16	0.26682	0.32937	0.19114	0.17929	0.03169	93.80%	0.32455	0.07941	0.33412	121.64%	29.76%	125.22%	4.2078	0.06754
008.99	2	2	5.8525	7.5908												
009.07	5	5	1.3210	2.5417	1.3210	2.5417	0.80377	192.41%	2.5368	0.22417	2.5467	192.04%	16.97%	192.78%	11.361	0.21000
009.09	14	14	0.83179	1.2372	0.46332	0.36604	0.06918	79.00%	1.2305	0.18114	1.2438	147.94%	21.78%	149.53%	6.8666	0.18786
009.99	3	3	9.4933	8.9288	9.4933	8.9288	3.6452	94.05%	8.9285	0.10440	8.9291	94.05%	1.10%	94.06%	85.525	0.12000
010.03	2	2	3.7056	0.98910												
010.11	6	6	3.9870	0.34651	3.8597	0.12863	0.03713	3.33%	0.33927	0.09963	0.35360	8.51%	2.50%	8.87%	3.5493	0.11603
010.99	13	13	4.2824	2.0580	3.9396	0.60937	0.11951	15.47%	2.0568	0.09856	2.0592	48.03%	2.30%	48.08%	20.892	0.08139
011.01	147	72	9.8085	2.3657	10.052	1.4684	0.12237	14.61%	2.3632	0.15343	2.3682	24.09%	1.56%	24.14%	15.435	0.14861
011.02	6	1	9.4050		10.052	1.4684	1.0383	14.61%		0.13435			1.43%			0.19000
011.99	3	3	35.488	51.721	35.488	51.721	21.115	145.74%	51.721	0.06696	51.721	145.74%	0.19%	145.74%	772.44	0.07667
012.00	3	3	11.365	0.92354	11.365	0.92354	0.37703	8.13%	0.92131	0.09065	0.92576	8.11%	0.80%	8.15%	10.213	0.08333
012.01	1		0.35500													
012.03	2	2	0.23750	0.13789												
012.04	4	4	1.5663	2.0390	1.5663	2.0390	0.72091	130.19%	2.0383	0.07945	2.0398	130.14%	5.07%	130.24%	25.674	0.08250
012.11	1		4.9350													
013.00	21	18	20.234	1.1298	20.336	0.99333	0.16555	4.88%	1.1253	0.14200	1.1342	5.56%	0.70%	5.61%	7.9874	0.15170
013.02	108	37	20.541	1.2723	20.702	0.62127	0.07222	3.00%	1.2594	0.25534	1.2850	6.13%	1.24%	6.26%	5.0326	0.21692
013.03	11	11	20.972	0.94199	20.587	0.22817	0.04865	1.11%	0.93426	0.17023	0.94965	4.45%	0.81%	4.53%	5.5785	0.20036
013.08	1		20.550													
013.10	16	14	19.960	1.1107	20.030	0.81010	0.15310	4.04%	1.1054	0.15311	1.1160	5.54%	0.77%	5.59%	7.2890	0.14407
013.13	1		19.050													
015.41	4	4	38.138	3.1440	38.138	3.1440	1.1116	8.24%	2.9965	1.3461	3.2849	7.86%	3.53%	8.61%	2.4404	1.7135

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015.42	2	2	43.910	7.4388												
015.43	3	3	46.532	10.500	46.532	10.500	4.2867	22.57%	10.324	2.7078	10.673	22.19%	5.82%	22.94%	3.9418	2.6167
015.52	1		31.980													
015.53	1		40.045													
016.42	1		0.00000													
016.53	1		0.00000													
017.41	2	2	5.0350	1.4284												
017.42	4	4	3.3263	2.2602	3.3263	2.2602	0.79910	67.95%	2.2457	0.36099	2.2746	67.52%	10.85%	68.38%	6.3009	0.31250
017.43	3	3	4.4333	0.59528	4.4333	0.59528	0.24302	13.43%	0.59195	0.08888	0.59859	13.35%	2.00%	13.50%	6.7346	0.11333
017.53	1		4.5850													
018.42	1		0.00000													
018.53	1		0.00315													
019.00	31	30	0.92792	0.14187	0.90488	0.04854	0.00627	5.36%	0.14130	0.01799	0.14244	15.23%	1.94%	15.35%	7.9160	0.02048
019.03	5	5	0.94380	0.03421	0.94380	0.03421	0.01082	3.62%	0.03238	0.01559	0.03594	3.43%	1.65%	3.81%	2.3054	0.01756
019.08	9	8	0.92691	0.06910	0.92316	0.05621	0.01405	6.09%	0.06863	0.01131	0.06956	7.40%	1.22%	7.50%	6.1528	0.01334
019.31	30	29	0.89148	0.04248	0.89046	0.03374	0.00443	3.79%	0.04117	0.01476	0.04374	4.62%	1.66%	4.91%	2.9626	0.01583
019.32	8	8	0.91308	0.05262	0.91638	0.04209	0.01052	4.59%	0.05236	0.00741	0.05288	5.73%	0.81%	5.79%	7.1361	0.00705
019.33	1		0.94500													
019.34	1		0.93500													
019.41	42	41	0.89131	0.04609	0.89398	0.03353	0.00370	3.75%	0.04460	0.01646	0.04754	5.00%	1.85%	5.33%	2.8888	0.01571
019.42	24	24	0.90364	0.03966	0.90465	0.02901	0.00419	3.21%	0.03805	0.01579	0.04120	4.21%	1.75%	4.56%	2.6098	0.01738
019.43	12	12	0.90088	0.04225	0.90088	0.04790	0.00978	5.32%	0.04002	0.01916	0.04436	4.44%	2.13%	4.92%	2.3159	0.02008
019.52	1		0.71470													
019.53	3	3	0.93923	0.01674	0.93923	0.01674	0.00683	1.78%	0.01510	0.01022	0.01823	1.61%	1.09%	1.94%	1.7836	0.01213
019.99	4	4	1.0300	0.14905	1.0300	0.14905	0.05270	14.47%	0.14834	0.02062	0.14976	14.40%	2.00%	14.54%	7.2646	0.02500
020.41	3	3	0.25808	0.23218	0.25808	0.23218	0.09479	89.96%	0.23036	0.04101	0.23399	89.26%	15.89%	90.66%	5.7058	0.03650
020.42	1		0.00000													
020.52	1		2.6550													
020.53	1		3.5900													
020.99	1		4.0550													
021.31	4	4	0.80238	1.4680	0.80238	1.4680	0.51901	182.95%	1.3802	0.70711	1.5508	172.01%	88.13%	193.28%	2.1932	0.50025
021.32	1		2.4233													
021.34	1		160.50													
021.41	3	3	0.37208	0.11935	0.37208	0.11935	0.04872	32.08%	0.09951	0.09319	0.13633	26.74%	25.04%	36.64%	1.4630	0.10550
021.42	2	2	0.15250	0.21567												
021.43	3	3	0.53833	0.39989	0.53833	0.39989	0.16325	74.28%	0.39987	0.00408	0.39990	74.28%	0.76%	74.28%	97.954	0.00333
021.52	1		0.24900													
021.53	2	2	0.30925	0.01520												

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022.31	16	14	12.029	0.93282	12.058	0.95061	0.17965	7.88%	0.84483	0.55932	1.0132	7.02%	4.65%	8.42%	1.8115	0.56571
022.32	4	4	12.663	2.5932	12.663	2.5932	0.91682	20.48%	2.4717	1.1091	2.7092	19.52%	8.76%	21.39%	2.4426	1.0190
022.33	1		10.850													
022.41	29	29	11.887	1.8623	11.804	0.99483	0.13063	8.43%	1.7911	0.72110	1.9308	15.07%	6.07%	16.24%	2.6776	0.87528
022.42	22	21	11.777	1.1401	11.759	1.0253	0.15821	8.72%	0.91716	0.95770	1.3260	7.79%	8.13%	11.26%	1.3846	0.80476
022.43	9	8	11.553	1.4029	11.489	1.4649	0.36622	12.75%	1.3642	0.46288	1.4406	11.81%	4.01%	12.47%	3.1122	0.51250
022.52	1		9.7250													
022.53	3	3	11.951	0.45032	11.951	0.45032	0.18384	3.77%	0.10432	0.61953	0.62825	0.87%	5.18%	5.26%	1.0141	0.66600
022.99	1		11.000													
024.99	1		1.8610													
025.02	1		0.00160													
025.31	15	15	125.22	16.751	126.68	14.061	2.5671	11.10%	16.539	3.7538	16.960	13.21%	3.00%	13.54%	4.5179	4.2987
025.32	4	4	126.77	8.6866	126.77	8.6866	3.0712	6.85%	8.5365	2.2739	8.8342	6.73%	1.79%	6.97%	3.8850	2.2968
025.33	1		112.50													
025.34	1		104.34													
025.41	30	29	124.26	16.714	124.15	8.2261	1.0801	6.63%	16.518	3.6103	16.908	13.29%	2.91%	13.61%	4.6833	3.9811
025.42	20	20	130.34	17.319	128.37	7.8719	1.2446	6.13%	17.081	4.0431	17.553	13.10%	3.10%	13.47%	4.3414	4.2410
025.43	10	9	130.92	19.807	127.57	15.628	3.6837	12.25%	19.426	5.4661	20.180	14.84%	4.18%	15.41%	3.6919	5.4111
025.52	1		121.51													
025.53	2	2	132.48	18.936												
025.99	1		110.00													
026.31	1		2.0000													
026.42	1		0.00000													
026.53	1		0.00700													
027.31	16	16	0.16182	0.00903	0.16098	0.00664	0.00117	4.13%	0.00850	0.00432	0.00954	5.25%	2.67%	5.89%	2.2074	0.00442
027.32	5	5	0.17110	0.00930	0.17110	0.00930	0.00294	5.44%	0.00893	0.00369	0.00966	5.22%	2.16%	5.65%	2.6162	0.00364
027.33	1		0.06555													
027.41	28	27	0.16546	0.01553	0.16204	0.00577	0.00079	3.56%	0.01522	0.00433	0.01583	9.20%	2.62%	9.57%	3.6546	0.00440
027.42	20	20	0.16222	0.00696	0.16104	0.00473	0.00075	2.94%	0.00652	0.00347	0.00738	4.02%	2.14%	4.55%	2.1286	0.00312
027.43	9	8	0.15725	0.00611	0.15760	0.00640	0.00160	4.06%	0.00601	0.00154	0.00620	3.82%	0.98%	3.94%	4.0248	0.00125
027.52	1		0.11810													
027.53	3	3	0.16290	0.00380	0.16290	0.00380	0.00155	2.33%	0.00322	0.00286	0.00430	1.97%	1.75%	2.64%	1.5056	0.00233
027.99	1		0.24500													
028.31	16	15	50.567	10.128	52.124	7.4186	1.3544	14.23%	10.083	1.3462	10.172	19.94%	2.66%	20.12%	7.5564	1.3687
028.32	3	3	63.927	7.1360	63.927	7.1360	2.9133	11.16%	7.0472	1.5873	7.2237	11.02%	2.48%	11.30%	4.5509	1.7847
028.41	30	29	57.207	4.8918	56.763	2.5202	0.33092	4.44%	4.8207	1.1748	4.9618	8.43%	2.05%	8.67%	4.2236	1.1273
028.42	20	20	58.082	3.0524	58.249	2.5177	0.39809	4.32%	2.8531	1.5342	3.2394	4.91%	2.64%	5.58%	2.1115	1.5555
028.43	10	10	55.958	3.4030	56.471	2.4347	0.54442	4.31%	3.2206	1.5544	3.5761	5.76%	2.78%	6.39%	2.3006	1.7270

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 %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
028.52	1		43.885													
028.53	3	3	59.285	0.39647	59.285	0.39647	0.16186	0.67%		3.9272			6.62%			4.3847
029.99	2	2	0.00150	0.00212												
030.99	1		0.01300													
031.00	3	3	0.88815	0.09859	0.88815	0.09859	0.04025	11.10%	0.09730	0.02249	0.09987	10.96%	2.53%	11.24%	4.4397	0.01837
031.01	64	62	0.93842	0.06047	0.93926	0.03275	0.00294	3.49%	0.05993	0.01146	0.06101	6.39%	1.22%	6.50%	5.3257	0.01142
031.02	3	3	0.94708	0.01120	0.94708	0.01120	0.00457	1.18%	0.01120	0.00061	0.01121	1.18%	0.06%	1.18%	18.309	0.00050
031.03	8	8	0.96317	0.03830	0.95619	0.02663	0.00666	2.79%	0.03774	0.00925	0.03885	3.92%	0.96%	4.03%	4.1997	0.01009
031.06	2	2	0.94250	0.01768												
031.41	39	38	0.94069	0.06620	0.93432	0.04008	0.00460	4.29%	0.06454	0.02086	0.06783	6.86%	2.22%	7.21%	3.2509	0.02012
031.42	26	25	0.93362	0.03583	0.93620	0.03021	0.00427	3.23%	0.03498	0.01096	0.03666	3.75%	1.17%	3.93%	3.3453	0.01221
031.43	11	10	0.94625	0.03821	0.94760	0.03735	0.00835	3.94%	0.03718	0.01247	0.03922	3.93%	1.32%	4.14%	3.1445	0.01350
031.52	1		0.75945													
031.53	3	3	0.99863	0.08362	0.99863	0.08362	0.03414	8.37%	0.07953	0.03654	0.08752	7.96%	3.66%	8.76%	2.3954	0.04107
031.99	6	5	0.93900	0.02903	0.93900	0.02903	0.00918	3.09%	0.02770	0.01225	0.03029	2.95%	1.30%	3.23%	2.4732	0.01400
032.02	5	5	2.8087	0.16342	2.8087	0.16342	0.05168	5.82%	0.15681	0.06505	0.16977	5.58%	2.32%	6.04%	2.6097	0.07900
032.31	16	15	2.6987	0.39622	2.7609	0.16594	0.03030	6.01%	0.39495	0.04479	0.39748	14.63%	1.66%	14.73%	8.8745	0.04971
032.32	3	3	3.0800	0.06727	3.0800	0.06727	0.02746	2.18%	0.06410	0.02887	0.07030	2.08%	0.94%	2.28%	2.4352	0.02667
032.41	28	28	2.8143	0.16528	2.8321	0.09718	0.01299	3.43%	0.15734	0.07156	0.17285	5.59%	2.54%	6.14%	2.4155	0.07048
032.42	21	21	2.7987	0.14674	2.8069	0.13981	0.02157	4.98%	0.14203	0.05214	0.15130	5.07%	1.86%	5.41%	2.9016	0.06051
032.43	9	9	2.8272	0.09599	2.8232	0.10146	0.02391	3.59%	0.08828	0.05328	0.10311	3.12%	1.88%	3.65%	1.9353	0.05222
032.52	1		2.5476													
032.53	3	3	3.0182	0.19776	3.0182	0.19776	0.08074	6.55%	0.19460	0.04979	0.20087	6.45%	1.65%	6.66%	4.0342	0.04957
032.99	1		2.7550													
033.00	36	35	3.1469	0.15554	3.1354	0.10550	0.01261	3.36%	0.15446	0.02586	0.15661	4.91%	0.82%	4.98%	6.0567	0.02595
033.01	29	27	3.1962	0.07204	3.1958	0.07296	0.00993	2.28%	0.06992	0.02456	0.07411	2.19%	0.77%	2.32%	3.0170	0.02369
033.03	3	3	5.1650	4.7426	5.1650	4.7426	1.9362	91.82%	4.7361	0.35263	4.7492	91.70%	6.83%	91.95%	13.468	0.37000
033.05	2	2	3.3475	0.22981												
033.99	7	7	3.5800	0.78560	3.3515	0.25247	0.06748	7.53%	0.78544	0.02268	0.78576	21.94%	0.63%	21.95%	34.649	0.02286
034.01	2	2	0.51200	0.03960												
034.04	5	5	0.42490	0.03300	0.42490	0.03300	0.01043	7.77%	0.03133	0.01463	0.03458	7.37%	3.44%	8.14%	2.3634	0.01980
034.34	1		0.03675													
034.41	1		0.00000													
034.42	2	2	0.00000	0.00000												
034.43	1		0.49450													
034.52	1		1.6460													
034.53	2	2	0.44875	0.07248												
035.01	3	3	1.4367	0.03686	1.4367	0.03686	0.01505	2.57%	0.03476	0.01732	0.03884	2.42%	1.21%	2.70%	2.2423	0.02000

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035.05	6	6	1.3294	0.20219	1.3733	0.12110	0.03496	8.82%	0.19903	0.05032	0.20529	14.97%	3.79%	15.44%	4.0798	0.05883
035.31	17	17	1.3660	0.11704	1.3630	0.11378	0.01951	8.35%	0.11590	0.02302	0.11816	8.48%	1.69%	8.65%	5.1327	0.02459
035.32	3	3	1.4591	0.06906	1.4591	0.06906	0.02820	4.73%	0.06881	0.00832	0.06931	4.72%	0.57%	4.75%	8.3323	0.00797
035.41	30	29	1.3658	0.07304	1.3708	0.06681	0.00877	4.87%	0.07178	0.01911	0.07428	5.26%	1.40%	5.44%	3.8873	0.02058
035.42	17	16	1.3510	0.08956	1.3604	0.08000	0.01414	5.88%	0.08806	0.02306	0.09103	6.52%	1.71%	6.74%	3.9477	0.02379
035.43	8	8	1.3811	0.03448	1.3811	0.03910	0.00977	2.83%	0.03054	0.02264	0.03801	2.21%	1.64%	2.75%	1.6791	0.02250
035.52	1		1.2179													
035.53	3	3	1.4454	0.09192	1.4454	0.09192	0.03753	6.36%	0.08489	0.04987	0.09845	5.87%	3.45%	6.81%	1.9741	0.06353
036.00	1		0.35000													
036.04	1		0.35500													
036.42	17	16	0.29019	0.01755	0.29214	0.01424	0.00252	4.88%	0.01711	0.00548	0.01797	5.90%	1.89%	6.19%	3.2772	0.00536
036.43	7	6	0.28700	0.02834	0.28808	0.03020	0.00872	10.48%	0.02826	0.00294	0.02842	9.85%	1.03%	9.90%	9.6528	0.00200
036.53	1		0.28500													
036.99	2	2	0.25150	0.12516												
037.31	17	16	58.988	7.9844	57.526	4.7166	0.83379	8.20%	7.9189	1.4428	8.0493	13.42%	2.45%	13.65%	5.5789	1.5668
037.32	5	5	60.726	6.6669	60.726	6.6669	2.1083	10.98%	6.5498	1.7589	6.7819	10.79%	2.90%	11.17%	3.8557	1.5873
037.33	1		55.000													
037.41	31	31	59.025	4.5276	58.662	3.5967	0.45678	6.13%	4.2537	2.1933	4.7858	7.21%	3.72%	8.11%	2.1821	2.2501
037.42	20	20	57.330	3.6783	57.366	4.0941	0.64734	7.14%	3.1406	2.7079	4.1468	5.48%	4.72%	7.23%	1.5314	2.6040
037.43	9	9	58.694	7.6516	59.283	7.5361	1.7763	12.71%	7.5370	1.8664	7.7646	12.84%	3.18%	13.23%	4.1602	1.9922
037.52	1		35.305													
037.53	3	3	59.352	1.6035	59.352	1.6035	0.65462	2.70%	0.53469	2.1379	2.2037	0.90%	3.60%	3.71%	1.0308	2.3217
037.99	1		73.000													
038.31	1		1.0000													
038.34	1		0.56050													
038.41	2	2	0.74975	0.16299												
038.42	2	2	0.19750	0.27931												
038.43	4	4	0.58250	0.41930	0.58250	0.41930	0.14824	71.98%	0.41442	0.09014	0.42411	71.15%	15.47%	72.81%	4.7051	0.07500
038.52	1		0.63950													
038.53	1		0.75500													
039.31	1		1.0000													
039.42	1		0.00000													
039.52	1		0.50700													
039.53	1		0.52500													
040.42	1		0.25100													
041.42	1		0.00000													
061.02	10	10	76.555	14.233	72.119	2.9194	0.65280	4.05%	14.112	2.6118	14.352	18.43%	3.41%	18.75%	5.4951	2.3700
061.03	4	4	72.094	3.3776	72.094	3.3776	1.1942	4.68%	3.3434	0.67743	3.4114	4.64%	0.94%	4.73%	5.0357	0.71150

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061.99	1		41.155													
101.02	1		1,548.7													
101.99	1		2,079.3													
102.01	1		2.9350													
103.01	1		35.365													
103.02	1		55.150													
104.00	2	2	8.5850	0.07071												
104.03	1		5.3950													
105.00	2	2	4.1300	0.64347												
105.01	3	3	156.04	261.50	156.04	261.50	106.76	167.59%	261.50	0.13070	261.50	167.59%	0.08%	167.59%	2,000.7	0.11000
106.00	3	3	19.102	1.6786	19.102	1.6786	0.68527	8.79%	1.6107	0.66831	1.7438	8.43%	3.50%	9.13%	2.6093	0.74667
106.01	1		20.170													
106.02	23	21	18.095	4.6606	18.165	4.1258	0.63662	22.71%	4.5852	1.1805	4.7348	25.34%	6.52%	26.17%	4.0109	1.2361
107.00	2	2	44.910	4.4406												
108.01	2	2	4.2625	1.2056												
108.02	5	5	3.9880	1.8528	3.9880	1.8528	0.58590	46.46%	1.8315	0.39626	1.8738	45.92%	9.94%	46.99%	4.7288	0.42400
109.02	13	13	255.17	40.623	252.00	38.079	7.4678	15.11%	39.870	11.009	41.362	15.63%	4.31%	16.21%	3.7571	11.769
109.99	1		296.50													
112.00	2	2	11.425	1.1667												
112.99	2	2	4.3250	6.1165												
113.01	3	3	2.2477	2.1848	2.2477	2.1848	0.89192	97.20%	2.1846	0.03628	2.1849	97.20%	1.61%	97.21%	60.226	0.04557
113.99	1		0.94000													
114.01	1		0.35500													
120.00	14	13	0.86135	0.06162	0.86341	0.05703	0.01118	6.61%	0.06092	0.01307	0.06231	7.07%	1.52%	7.23%	4.7683	0.01374
120.01	1		0.86950													
120.02	2	2	0.86780	0.04285												
120.05	2	2	0.81150	0.00141												
121.00	14	13	0.44312	0.03712	0.43762	0.01723	0.00338	3.94%	0.03604	0.01254	0.03816	8.13%	2.83%	8.61%	3.0435	0.01291
121.01	1		0.49250													
121.02	2	2	0.44793	0.03617												
121.05	2	2	0.41400	0.01485												
122.00	14	13	1.8812	0.15859	1.8982	0.10774	0.02113	5.68%	0.15690	0.03265	0.16026	8.34%	1.74%	8.52%	4.9078	0.03219
122.01	2	2	1.7223	0.24996												
122.02	2	2	1.9626	0.12505												
122.05	1		1.5850													
124.00	13	12	0.41037	0.02935	0.40944	0.01919	0.00392	4.69%	0.02920	0.00419	0.02950	7.12%	1.02%	7.19%	7.0475	0.00403
124.01	1		0.36750													
124.02	2	2	0.39860	0.04752												

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125.00	14	14	3.1436	0.24889	3.1577	0.09258	0.01750	2.93%	0.24623	0.05125	0.25151	7.83%	1.63%	8.00%	4.9077	0.05701
125.01	1		3.1545													
125.02	2	2	3.1188	0.06459												
125.05	2	2	2.7495	0.02192												
126.00	14	14	0.35346	0.02958	0.35357	0.02783	0.00526	7.87%	0.02943	0.00417	0.02972	8.33%	1.18%	8.41%	7.1273	0.00450
126.01	1		0.53450													
126.02	2	2	0.37093	0.02768												
126.05	2	2	0.34800	0.09405												
127.00	14	13	0.34692	0.03956	0.33654	0.01656	0.00325	4.92%	0.03929	0.00646	0.03982	11.33%	1.86%	11.48%	6.1644	0.00711
127.01	1		0.35550													
127.02	2	2	0.39488	0.14160												
127.05	2	2	0.31325	0.09016												
128.00	14	14	1.0749	0.05743	1.0817	0.04442	0.00839	4.11%	0.05666	0.01327	0.05819	5.27%	1.23%	5.41%	4.3848	0.01491
128.01	1		1.2295													
128.02	2	2	1.1584	0.08425												
128.05	2	2	1.0680	0.08485												
129.00	14	13	1.8080	0.09133	1.8083	0.03504	0.00687	1.94%	0.09101	0.01074	0.09164	5.03%	0.59%	5.07%	8.5336	0.01107
129.01	1		1.8345													
129.02	2	2	1.8892	0.08036												
129.05	2	2	1.8293	0.04844												
130.00	17	16	1.4174	0.09269	1.4159	0.05256	0.00929	3.71%	0.09179	0.01826	0.09359	6.48%	1.29%	6.60%	5.1254	0.01967
130.01	1		1.4100													
130.02	2	2	1.3163	0.08033												
130.05	3	3	1.4460	0.08514	1.4460	0.08514	0.03476	5.89%	0.07034	0.06782	0.09771	4.86%	4.69%	6.76%	1.4407	0.07333
131.00	13	13	0.31046	0.03757	0.31773	0.02763	0.00542	8.70%	0.03696	0.00953	0.03817	11.91%	3.07%	12.30%	4.0049	0.00963
131.01	1		0.30200													
131.02	2	2	0.29713	0.01821												
131.05	3	3	0.37617	0.05730	0.37617	0.05730	0.02339	15.23%	0.04931	0.04129	0.06431	13.11%	10.98%	17.10%	1.5576	0.04100
131.99	1		0.43000													
132.00	14	14	0.56711	0.05392	0.56847	0.05365	0.01014	9.44%	0.05319	0.01252	0.05464	9.38%	2.21%	9.64%	4.3646	0.01227
132.01	1		0.50300													
132.02	2	2	0.59788	0.05250												
132.05	2	2	0.57425	0.04985												
133.00	14	14	1.0563	0.06867	1.0573	0.07129	0.01347	6.74%	0.06467	0.03264	0.07244	6.12%	3.09%	6.86%	2.2196	0.03319
133.05	3	3	1.0317	0.03911	1.0317	0.03911	0.01597	3.79%		0.06172			5.98%			0.05867
134.00	14	13	0.85682	0.08042	0.86533	0.06699	0.01314	7.74%	0.07981	0.01402	0.08103	9.31%	1.64%	9.46%	5.7805	0.01245
134.01	1		0.91550													
134.02	2	2	0.86060	0.02673												

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134.05	2	2	0.90100	0.13718												
135.00	14	14	1.2180	0.12978	1.2053	0.08369	0.01582	6.94%	0.12699	0.03783	0.13251	10.43%	3.11%	10.88%	3.5024	0.03556
135.01	1		1.2995													
135.02	2	2	1.2474	0.04048												
135.05	2	2	1.1783	0.05197												
136.00	2	2	0.32178	0.05413												
136.01	6	6	0.31050	0.01557	0.31050	0.01766	0.00510	5.69%	0.01552	0.00168	0.01561	5.00%	0.54%	5.03%	9.2765	0.00200
136.03	1		0.35500													
136.05	1		0.17950													
136.99	2	2	0.32325	0.01662												
137.00	8	8	0.47541	0.06554	0.46875	0.02971	0.00743	6.34%	0.06501	0.01177	0.06607	13.68%	2.48%	13.90%	5.6143	0.01384
137.01	1		0.53450													
137.02	2	2	0.50450	0.06859												
137.05	1		0.48450													
138.00	14	13	1.0011	0.06368	1.0053	0.04522	0.00887	4.50%	0.06294	0.01364	0.06440	6.29%	1.36%	6.43%	4.7209	0.01507
138.01	1		1.1760													
138.02	2	2	1.1021	0.14061												
138.05	2	2	1.0058	0.03500												
139.00	1		0.03000													
140.01	1		0.01900													