

AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201090

Alfalfa Pellets



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		0.8000													
001.00	11	8	6.1470	0.6967	6.2305	0.5984	0.1496	9.60%	0.6909	0.1263	0.7024	11.24%	2.05%	11.43%	5.5619	0.1565
001.03	5	5	6.3020	0.4743	6.3020	0.4743	0.1500	7.53%	0.4665	0.1211	0.4820	7.40%	1.92%	7.65%	3.9806	0.1280
001.05	1		6.5250													
001.07	37	35	6.3172	0.3725	6.4095	0.2362	0.0282	3.68%	0.3653	0.1031	0.3796	5.78%	1.63%	6.01%	3.6812	0.0893
001.08	1		6.5200													
001.99	12	10	6.5235	0.5019	6.5454	0.5087	0.1138	7.77%	0.5003	0.0571	0.5036	7.67%	0.88%	7.72%	8.8128	0.0550
002.00	7	7	18.5559	0.6446	18.3494	0.2062	0.0551	1.12%	0.6274	0.2086	0.6612	3.38%	1.12%	3.56%	3.1693	0.2453
002.01	8	8	17.8940	0.1710	17.8243	0.0749	0.0187	0.42%	0.1601	0.0848	0.1812	0.89%	0.47%	1.01%	2.1377	0.1020
002.02	8	7	18.1037	0.4653	18.1037	0.5277	0.1410	2.91%	0.4364	0.2285	0.4926	2.41%	1.26%	2.72%	2.1557	0.1859
002.03	1		18.3810													
002.04	7	7	17.9707	0.4007	17.9707	0.4544	0.1214	2.53%	0.3959	0.0872	0.4054	2.20%	0.49%	2.26%	4.6480	0.0986
002.05	23	23	18.1976	1.1374	17.9999	0.3913	0.0577	2.17%	1.1297	0.1877	1.1451	6.21%	1.03%	6.29%	6.1009	0.1727
002.06	206	136	18.4359	0.4237	18.4599	0.3136	0.0190	1.70%	0.4132	0.1330	0.4341	2.24%	0.72%	2.35%	3.2636	0.1278
002.08	3	3	18.3245	0.4015	18.3245	0.4015	0.1639	2.19%	0.4014	0.0095	0.4016	2.19%	0.05%	2.19%	42.3967	0.0077
002.10	5	5	18.4812	0.5695	18.4812	0.5695	0.1801	3.08%	0.5266	0.3066	0.6094	2.85%	1.66%	3.30%	1.9878	0.2813
002.11	8	8	19.2029	1.1428	19.0687	0.9618	0.2404	5.04%	1.1379	0.1498	1.1477	5.93%	0.78%	5.98%	7.6631	0.1645
002.99	1		17.7900													
003.00	26	26	1.8217	0.4123	1.7898	0.2868	0.0398	16.03%	0.4041	0.1152	0.4202	22.18%	6.33%	23.07%	3.6468	0.1205
003.01	2	2	1.7878	0.0031												
003.06	22	22	1.5297	0.3404	1.5026	0.3142	0.0474	20.91%	0.3367	0.0705	0.3440	22.01%	4.61%	22.49%	4.8771	0.0687
003.07	1		1.6100													
003.09	23	23	1.7904	0.2776	1.7618	0.2222	0.0328	12.61%	0.2701	0.0903	0.2848	15.09%	5.04%	15.91%	3.1551	0.0836
003.10	31	30	1.3369	0.4184	1.2375	0.2367	0.0306	19.12%	0.4165	0.0557	0.4202	31.15%	4.17%	31.43%	7.5418	0.0632
003.11	4	4	2.3063	1.1107	2.3063	1.1107	0.3927	48.16%	1.1107	0.0079	1.1107	48.16%	0.34%	48.16%	140.4993	0.0075
003.12	3	3	1.8650	0.4438	1.8650	0.4438	0.1812	23.80%	0.4427	0.0442	0.4449	23.74%	2.37%	23.86%	10.0754	0.0500
003.13	7	7	1.5819	0.1652	1.5791	0.1810	0.0484	11.46%	0.1561	0.0762	0.1737	9.87%	4.82%	10.98%	2.2790	0.0766

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003.14	23	23	1.8092	0.4042	1.7614	0.3163	0.0466	17.96%	0.3910	0.1445	0.4169	21.61%	7.99%	23.04%	2.8849	0.1502
003.99	6	4	1.6850	0.2194	1.6850	0.2194	0.0776	13.02%	0.2173	0.0427	0.2214	12.89%	2.54%	13.14%	5.1832	0.0350
004.00	25	24	24.4567	1.5455	24.5413	0.9212	0.1330	3.75%	1.5403	0.1781	1.5506	6.30%	0.73%	6.34%	8.7049	0.1923
004.01	2	2	26.8500	0.4243												
004.03	2	2	27.0400	0.8768												
004.06	32	30	25.3294	0.9047	25.3805	0.8958	0.1156	3.53%	0.8884	0.2416	0.9207	3.51%	0.95%	3.63%	3.8101	0.2229
004.07	50	48	24.9328	1.8016	24.7200	1.2094	0.1234	4.89%	1.7620	0.5313	1.8404	7.07%	2.13%	7.38%	3.4637	0.5171
004.11	7	7	25.9555	2.7010	25.6769	1.9512	0.5215	7.60%	2.6748	0.5313	2.7270	10.31%	2.05%	10.51%	5.1330	0.5304
004.99	3	3	23.5817	1.0766	23.5817	1.0766	0.4395	4.57%	1.0546	0.3063	1.0982	4.47%	1.30%	4.66%	3.5853	0.3233
005.00	162	99	10.6856	0.2118	10.6849	0.1783	0.0127	1.67%	0.2038	0.0817	0.2195	1.91%	0.76%	2.05%	2.6861	0.0854
005.02	1		10.7900													
005.03	1		10.7400													
005.05	14	14	11.1120	1.0503	10.9230	0.4388	0.0829	4.02%	1.0483	0.0911	1.0523	9.43%	0.82%	9.47%	11.5453	0.0786
005.11	4	4	12.2133	2.1018	12.2133	2.1018	0.7431	17.21%	2.1017	0.0298	2.1019	17.21%	0.24%	17.21%	70.4359	0.0355
005.99	8	8	10.7475	0.5405	10.8017	0.2050	0.0513	1.90%	0.5385	0.0663	0.5425	5.01%	0.62%	5.05%	8.1791	0.0725
008.02	14	14	31.9864	2.1852	31.6433	1.4154	0.2675	4.47%	2.1706	0.3570	2.1998	6.79%	1.12%	6.88%	6.1623	0.3643
008.05	1		32.0000													
008.08	28	28	30.1512	1.7688	30.1061	1.6797	0.2245	5.58%	1.6999	0.6915	1.8352	5.64%	2.29%	6.09%	2.6540	0.7226
008.99	5	5	29.9970	4.0543	29.9970	4.0543	1.2821	13.52%	4.0463	0.3604	4.0623	13.49%	1.20%	13.54%	11.2717	0.3700
009.04	1		43.9000													
009.07	12	11	40.8877	2.1103	40.8905	1.1250	0.2399	2.75%	2.0933	0.3779	2.1271	5.12%	0.92%	5.20%	5.6287	0.4227
009.09	23	22	39.7414	1.8788	39.5695	1.1507	0.1735	2.91%	1.7596	0.9317	1.9910	4.43%	2.34%	5.01%	2.1369	0.7635
009.99	4	4	39.1038	3.4546	39.1038	3.4546	1.2214	8.83%	3.4361	0.5044	3.4729	8.79%	1.29%	8.88%	6.8847	0.6075
010.03	4	4	5.3878	1.2756	5.3878	1.2756	0.4510	23.68%	1.2705	0.1623	1.2808	23.58%	3.01%	23.77%	7.8908	0.1883
010.11	8	8	6.5803	0.4494	6.5803	0.5096	0.1274	7.74%	0.4468	0.0686	0.4520	6.79%	1.04%	6.87%	6.5895	0.0788
010.99	12	11	6.5490	0.8908	6.4787	0.8024	0.1711	12.38%	0.8899	0.0576	0.8918	13.59%	0.88%	13.62%	15.4690	0.0633
011.01	142	70	7.8120	0.5163	7.8676	0.3305	0.0279	4.20%	0.5129	0.0844	0.5198	6.57%	1.08%	6.65%	6.1554	0.0785
011.02	2	2	8.0350	0.4525												
011.99	3	3	7.0783	1.1937	7.0783	1.1937	0.4873	16.86%	1.1764	0.2859	1.2107	16.62%	4.04%	17.10%	4.2344	0.2433
012.00	4	4	2.4925	0.7402	2.4925	0.7402	0.2617	29.70%	0.6794	0.4153	0.7963	27.26%	16.66%	31.95%	1.9173	0.4000
012.01	2	2	1.1175	0.1096												
012.03	3	3	0.9550	0.3248	0.9550	0.3248	0.1326	34.02%	0.3151	0.1114	0.3343	33.00%	11.67%	35.00%	2.9998	0.1033
012.04	3	3	1.4733	1.0226	1.4733	1.0226	0.4175	69.40%	1.0221	0.0440	1.0230	69.37%	2.98%	69.44%	23.2668	0.0467
012.11	1		5.4450													
013.00	8	5	2.8690	0.9143	2.8690	0.9143	0.2891	31.87%	0.9141	0.0274	0.9145	31.86%	0.95%	31.88%	33.3935	0.0260
013.02	87	26	3.7767	0.9201	3.7175	0.8093	0.1122	21.77%	0.9163	0.1180	0.9238	24.26%	3.12%	24.46%	7.8288	0.1150
013.03	1		2.5550													
013.10	11	10	2.4960	1.1115	2.4118	1.0575	0.2365	43.85%	1.1017	0.2085	1.1212	44.14%	8.35%	44.92%	5.3784	0.2100

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013.11	2	2	2.3875	0.6965												
015.41	1		716.0000													
015.42	1		445.0000													
015.43	3	3	528.9167	130.4191	528.9167	130.4191	53.2434	24.66%	130.2785	8.5616	130.5596	24.63%	1.62%	24.68%	15.2494	11.0333
015.52	1		622.3935													
017.41	1		34.3400													
017.42	2	2	36.9400	2.3476												
017.43	3	3	36.1017	2.4090	36.1017	2.4090	0.9835	6.67%	2.3419	0.7982	2.4742	6.49%	2.21%	6.85%	3.0999	0.7167
018.52	1		0.2347													
019.00	10	9	1.4444	0.2424	1.4137	0.0998	0.0235	7.06%	0.2418	0.0237	0.2430	16.74%	1.64%	16.82%	10.2657	0.0232
019.03	2	2	1.5041	0.0084												
019.08	5	5	1.4370	0.0377	1.4370	0.0377	0.0119	2.62%	0.0248	0.0401	0.0472	1.73%	2.79%	3.28%	1.1756	0.0380
019.31	16	15	1.4290	0.0718	1.4182	0.0500	0.0091	3.53%	0.0674	0.0347	0.0758	4.72%	2.43%	5.31%	2.1874	0.0360
019.32	4	4	1.4735	0.0445	1.4735	0.0445	0.0157	3.02%	0.0437	0.0117	0.0452	2.96%	0.80%	3.07%	3.8562	0.0126
019.41	20	20	1.4276	0.0903	1.4263	0.0697	0.0110	4.88%	0.0896	0.0159	0.0910	6.28%	1.11%	6.38%	5.7212	0.0178
019.42	18	17	1.4476	0.1103	1.4214	0.0563	0.0097	3.96%	0.1083	0.0292	0.1122	7.48%	2.02%	7.75%	3.8382	0.0306
019.43	7	7	1.2145	0.4807	1.3869	0.0429	0.0115	3.09%	0.4805	0.0174	0.4808	39.56%	1.44%	39.59%	27.5611	0.0213
019.52	1		1.4038													
019.53	1		1.3100													
019.99	1		1.6200													
020.32	1		10.9521													
020.41	1		16.7000													
020.42	1		7.1250													
020.43	2	2	17.1900	0.1980												
020.52	1		20.6640													
021.32	1		10.7544													
021.41	1		9.5500													
021.42	2	2	5.0450	0.6293												
021.43	4	4	8.3963	2.0722	8.3963	2.0722	0.7326	24.68%	2.0161	0.6776	2.1269	24.01%	8.07%	25.33%	3.1390	0.7175
021.52	1		9.1566													
022.31	9	9	12.1976	4.6294	10.3986	1.5866	0.3740	15.26%	4.5787	0.9665	4.6796	37.54%	7.92%	38.36%	4.8419	0.9963
022.32	3	3	10.0230	0.5339	10.0230	0.5339	0.2180	5.33%	0.2152	0.6910	0.7237	2.15%	6.89%	7.22%	1.0474	0.9495
022.41	15	14	9.3057	1.2557	9.1843	1.0991	0.2077	11.97%	1.2044	0.5022	1.3049	12.94%	5.40%	14.02%	2.5984	0.5514
022.42	16	14	10.3736	4.1458	10.6442	3.3822	0.6392	31.78%	3.9176	1.9186	4.3621	37.76%	18.49%	42.05%	2.2736	1.3114
022.43	7	7	9.6600	2.0082	9.6600	2.2773	0.6086	23.57%	1.7741	1.3306	2.2177	18.37%	13.77%	22.96%	1.6666	1.4343
022.52	1		13.9543													
022.53	1		8.3200													
025.31	10	10	580.1970	110.4490	577.0940	67.8351	15.1684	11.75%	110.2903	8.3704	110.6075	19.01%	1.44%	19.06%	13.2141	9.9800

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025.32	2	2	629.4017	12.8669												
025.41	15	15	574.6690	54.1444	569.7200	35.3962	6.4624	6.21%	53.5453	11.3597	54.7370	9.32%	1.98%	9.52%	4.8185	11.7740
025.42	15	15	498.2667	67.5877	488.6550	58.9793	10.7681	12.07%	63.9825	30.8009	71.0102	12.84%	6.18%	14.25%	2.3055	31.5427
025.43	8	7	559.5557	93.4297	559.5557	105.9493	28.3161	18.93%	93.0811	11.4029	93.7770	16.63%	2.04%	16.76%	8.2239	11.2257
025.52	1		602.1350													
025.99	1		724.5000													
026.31	1		2.3920													
026.52	1		2.3384													
027.31	13	13	0.2796	0.0442	0.2642	0.0101	0.0020	3.81%	0.0438	0.0083	0.0446	15.66%	2.98%	15.94%	5.3546	0.0075
027.32	4	4	0.2762	0.0103	0.2762	0.0103	0.0036	3.72%	0.0081	0.0089	0.0120	2.95%	3.21%	4.36%	1.3580	0.0103
027.41	16	16	0.2705	0.0215	0.2686	0.0162	0.0029	6.02%	0.0210	0.0061	0.0219	7.77%	2.25%	8.09%	3.6009	0.0051
027.42	18	18	0.2703	0.0179	0.2687	0.0161	0.0027	5.99%	0.0169	0.0081	0.0188	6.27%	2.99%	6.94%	2.3235	0.0069
027.43	6	5	0.2097	0.1052	0.2097	0.1052	0.0333	50.18%	0.1052	0.0010	0.1052	50.17%	0.48%	50.18%	105.2411	0.0008
027.52	1		0.2496													
027.53	1		0.2600													
028.31	7	7	59.2286	2.1998	58.9444	1.7951	0.4798	3.05%	2.1749	0.4671	2.2245	3.67%	0.79%	3.76%	4.7623	0.5629
028.32	3	3	56.9582	1.2727	56.9582	1.2727	0.5196	2.23%	0.6852	1.5168	1.6644	1.20%	2.66%	2.92%	1.0973	1.3252
028.41	15	14	58.7439	6.7161	57.4976	2.9073	0.5494	5.06%	6.6684	1.1298	6.7634	11.35%	1.92%	11.51%	5.9865	1.2050
028.42	17	17	59.0106	6.7509	58.6127	6.7360	1.1552	11.49%	6.4912	2.6225	7.0009	11.00%	4.44%	11.86%	2.6695	2.5435
028.43	7	7	55.4164	6.7377	56.4450	3.9198	1.0476	6.94%	6.6952	1.0678	6.7798	12.08%	1.93%	12.23%	6.3494	1.3071
028.52	1		596.7720													
028.53	1		52.4500													
029.99	1		0.0060													
031.00	1		0.2250													
031.01	20	19	0.2767	0.0515	0.2642	0.0216	0.0035	8.18%	0.0509	0.0108	0.0520	18.40%	3.90%	18.81%	4.8200	0.0111
031.02	1		0.2600													
031.03	5	5	0.2763	0.0442	0.2763	0.0442	0.0140	16.00%	0.0411	0.0232	0.0472	14.86%	8.41%	17.07%	2.0298	0.0204
031.06	1		0.2600													
031.41	20	20	0.2489	0.0178	0.2493	0.0091	0.0014	3.67%	0.0162	0.0106	0.0193	6.49%	4.28%	7.78%	1.8181	0.0109
031.42	18	17	0.2615	0.0222	0.2597	0.0167	0.0029	6.44%	0.0219	0.0052	0.0225	8.36%	2.00%	8.59%	4.2890	0.0052
031.43	7	7	0.2273	0.0867	0.2589	0.0064	0.0017	2.48%	0.0866	0.0068	0.0869	38.11%	2.99%	38.23%	12.7890	0.0069
031.52	1		0.2372													
031.53	1		0.2445													
031.99	3	3	0.2783	0.0176	0.2783	0.0176	0.0072	6.31%	0.0129	0.0168	0.0212	4.64%	6.05%	7.62%	1.2603	0.0167
032.02	3	3	2.4677	0.1664	2.4677	0.1664	0.0679	6.74%	0.1503	0.1009	0.1811	6.09%	4.09%	7.34%	1.7944	0.1300
032.31	12	11	1.9657	0.9515	2.3110	0.2540	0.0542	10.99%	0.9512	0.0321	0.9518	48.39%	1.63%	48.42%	29.6413	0.0369
032.32	2	2	2.4425	0.0318												
032.41	16	16	2.4692	0.1838	2.4711	0.1795	0.0317	7.26%	0.1801	0.0517	0.1874	7.29%	2.10%	7.59%	3.6210	0.0595

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)
032.42	17	17	2.4863	0.1800	2.4737	0.1431	0.0245	5.79%	0.1749	0.0603	0.1850	7.04%	2.43%	7.44%	3.0668	0.0559
032.43	7	6	2.1932	1.0118	2.4550	0.3445	0.0995	14.03%	1.0117	0.0156	1.0118	46.13%	0.71%	46.14%	64.7324	0.0183
032.52	1		2.3593													
032.53	1		2.2150													
032.99	1		3.0400													
033.00	8	7	0.3666	0.0521	0.3666	0.0591	0.0158	16.13%	0.0515	0.0111	0.0527	14.06%	3.04%	14.38%	4.7345	0.0134
033.01	20	18	0.3974	0.0114	0.3972	0.0124	0.0021	3.13%	0.0108	0.0053	0.0120	2.71%	1.34%	3.02%	2.2557	0.0048
033.03	3	3	0.4983	0.0144	0.4983	0.0144	0.0059	2.90%		0.0297			5.96%			0.0300
033.04	1		0.4000													
033.05	2	2	0.2870	0.1952												
033.99	4	4	0.3225	0.1590	0.3225	0.1590	0.0562	49.31%	0.1590	0.0071	0.1591	49.29%	2.19%	49.34%	22.5019	0.0050
034.01	1		0.5085													
034.04	1		0.4130													
034.05	1		0.5815													
034.41	1		2.5400													
034.42	2	2	0.3000	0.4243												
034.52	1		0.6583													
035.01	2	2	0.0569	0.0026												
035.05	3	3	0.1023	0.0870	0.1023	0.0870	0.0355	85.00%	0.0868	0.0083	0.0872	84.81%	8.08%	85.19%	10.5371	0.0081
035.31	10	10	0.0564	0.0214	0.0543	0.0171	0.0038	31.50%	0.0211	0.0053	0.0217	37.33%	9.37%	38.49%	4.1083	0.0065
035.32	3	3	0.0662	0.0078	0.0662	0.0078	0.0032	11.81%	0.0072	0.0044	0.0084	10.83%	6.66%	12.72%	1.9087	0.0047
035.41	19	18	0.0551	0.0133	0.0542	0.0126	0.0021	23.27%	0.0130	0.0041	0.0136	23.59%	7.35%	24.71%	3.3607	0.0034
035.42	14	13	0.0484	0.0274	0.0395	0.0077	0.0015	19.59%	0.0274	0.0011	0.0274	56.64%	2.25%	56.68%	25.2322	0.0009
035.43	7	6	0.0328	0.0084	0.0338	0.0071	0.0020	20.89%	0.0084	0.0004	0.0084	25.54%	1.35%	25.58%	18.8895	0.0004
035.52	1		0.0320													
035.53	1		0.0310													
036.00	1		0.2800													
036.04	2	2	0.2750	0.0141												
036.42	15	15	0.2704	0.0181	0.2710	0.0106	0.0019	3.92%	0.0177	0.0052	0.0185	6.56%	1.92%	6.84%	3.5591	0.0051
036.43	7	7	0.2627	0.0494	0.2641	0.0094	0.0025	3.54%	0.0492	0.0063	0.0496	18.72%	2.41%	18.87%	7.8394	0.0069
036.52	1		0.4145													
036.99	1		0.2950													
037.31	9	9	35.0974	11.7344	30.4978	1.9600	0.4620	6.43%	11.6624	1.8364	11.8061	33.23%	5.23%	33.64%	6.4290	1.8473
037.32	3	3	31.5318	0.8393	31.5318	0.8393	0.3427	2.66%		2.7040			8.58%			3.0478
037.41	15	14	28.8125	3.3986	29.1118	2.5236	0.4769	8.67%	3.0861	2.0131	3.6846	10.71%	6.99%	12.79%	1.8304	2.2064
037.42	16	16	40.9303	25.1371	31.9586	6.4808	1.1456	20.28%	24.8127	5.6934	25.4575	60.62%	13.91%	62.20%	4.4714	5.1106
037.43	7	7	29.7179	3.0152	29.6623	3.2935	0.8802	11.10%	1.5799	3.6319	3.9607	5.32%	12.22%	13.33%	1.0905	3.8386
037.52	1		28.5525													

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037.53	1		27.4000													
037.99	1		33.8200													
038.42	4	4	2.8063	0.6106	2.8063	0.6106	0.2159	21.76%	0.5743	0.2931	0.6448	20.47%	10.44%	22.98%	2.1998	0.3475
038.43	4	4	2.4313	0.5623	2.4313	0.5623	0.1988	23.13%	0.5622	0.0146	0.5624	23.12%	0.60%	23.13%	38.5794	0.0125
038.52	1		3.0845													
039.42	1		5.0550													
039.52	1		10.8385													
040.42	1		68.5000													
073.04	1		17529.6950													
100.99	1		1.3500													
106.02	2	2	0.2138	0.3023												
109.02	2	2	15.3225	9.5141												
110.00	1		14.4500													
120.00	9	8	0.8566	0.0194	0.8557	0.0153	0.0038	1.79%	0.0176	0.0114	0.0210	2.06%	1.33%	2.45%	1.8393	0.0109
120.02	1		0.8842													
120.05	2	2	0.8128	0.0463												
120.99	1		0.8100													
121.00	9	8	0.7384	0.0211	0.7398	0.0208	0.0052	2.81%	0.0206	0.0063	0.0215	2.79%	0.85%	2.92%	3.4232	0.0079
121.02	1		0.7046													
121.05	2	2	0.7140	0.0771												
121.99	1		0.7050													
122.00	9	8	2.0376	0.0797	2.0549	0.0497	0.0124	2.42%	0.0789	0.0156	0.0804	3.87%	0.77%	3.95%	5.1502	0.0183
122.02	1		2.0522													
122.05	2	2	1.9920	0.0092												
122.99	1		1.8000													
124.00	10	9	0.1798	0.0214	0.1800	0.0123	0.0029	6.86%	0.0213	0.0022	0.0214	11.87%	1.22%	11.93%	9.8124	0.0024
124.02	1		0.2116													
124.05	1		0.1550													
124.99	1		0.1600													
125.00	9	8	1.6053	0.0313	1.6043	0.0242	0.0061	1.51%	0.0304	0.0103	0.0321	1.89%	0.64%	2.00%	3.1039	0.0133
125.02	1		1.5847													
125.05	2	2	1.5868	0.0138												
125.99	1		1.6050													
126.00	9	8	0.7869	0.0241	0.7867	0.0270	0.0067	3.43%	0.0238	0.0059	0.0245	3.02%	0.75%	3.11%	4.1666	0.0071
126.02	1		0.8062													
126.05	2	2	0.7843	0.0167												
126.99	1		0.7250													
127.00	9	9	0.3298	0.0156	0.3298	0.0177	0.0042	5.38%	0.0149	0.0067	0.0163	4.52%	2.02%	4.96%	2.4481	0.0073

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127.02	1		0.2968													
127.05	2	2	0.3980	0.1471												
127.99	1		0.3150													
128.00	9	9	0.7011	0.0330	0.6971	0.0281	0.0066	4.03%	0.0314	0.0140	0.0344	4.48%	2.00%	4.91%	2.4519	0.0162
128.02	1		0.7109													
128.05	2	2	0.6683	0.0350												
128.99	1		0.6500													
129.00	9	8	1.1751	0.0279	1.1699	0.0178	0.0045	1.52%	0.0273	0.0079	0.0284	2.32%	0.67%	2.42%	3.6058	0.0091
129.02	1		1.2018													
129.05	2	2	1.1630	0.0028												
129.99	1		1.0950													
130.00	9	9	0.8099	0.0484	0.8002	0.0261	0.0061	3.26%	0.0466	0.0183	0.0501	5.76%	2.25%	6.18%	2.7438	0.0186
130.02	1		0.8142													
130.05	2	2	0.7820	0.0537												
130.99	1		0.8300													
131.00	10	10	0.2479	0.0344	0.2471	0.0349	0.0078	14.12%	0.0339	0.0084	0.0349	13.67%	3.38%	14.08%	4.1652	0.0078
131.02	1		0.2535													
131.05	2	2	0.2278	0.0506												
131.99	1		0.1850													
132.00	9	8	0.7792	0.0251	0.7792	0.0284	0.0071	3.65%	0.0246	0.0073	0.0256	3.15%	0.93%	3.29%	3.5194	0.0079
132.02	1		0.8904													
132.05	2	2	0.7870	0.0035												
132.99	1		0.7750													
133.00	9	8	1.1616875	0.0317737	1.1586709	0.0260815	0.00652	2.25%	0.0305098	0.012547	0.0329892	2.63%	1.08%	2.84%	2.629162	0.013125
133.05	2	2	1.287	0.2036468												
133.99	1		1.24													
134.00	8	7	0.73228571	0.0221752	0.7292143	0.0167216	0.004469	2.29%	0.0216107	0.007031	0.0227256	2.95%	0.96%	3.10%	3.232408	0.007714
134.02	1		0.70945													
134.05	2	2	0.77075	0.0088388												
134.99	1		0.655													
135.00	9	8	0.7228125	0.0168373	0.72025	0.0110827	0.002771	1.54%	0.0162335	0.00632	0.0174202	2.25%	0.87%	2.41%	2.756534	0.008125
135.02	1		0.7218													
135.05	2	2	0.651	0.0848528												
135.99	1		0.775													
136.00	1		0.2935													
136.01	4	4	0.229375	0.0396156	0.229375	0.0396156	0.014006	17.27%	0.0395785	0.002424	0.0396527	17.25%	1.06%	17.29%	16.35944	0.00325
136.03	1		0.1275													
136.99	4	4	0.233	0.0492494	0.233	0.0492494	0.017412	21.14%	0.0491159	0.005123	0.0493824	21.08%	2.20%	21.19%	9.638465	0.006

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137.00	6	6	0.50908333	0.0309878	0.5090833	0.0351401	0.010144	6.90%	0.0294369	0.01369	0.0324646	5.78%	2.69%	6.38%	2.371406	0.014833
137.02	1		0.40985													
137.05	1		0.5735													
137.99	1		0.525													
138.00	9	8	0.8719375	0.0366074	0.8719375	0.0415128	0.010378	4.76%	0.0361405	0.008242	0.0370685	4.14%	0.95%	4.25%	4.497279	0.011125
138.02	1		0.8999													
138.05	2	2	0.84875	0.0441942												
138.99	1		0.86													
139.00	1		0.1													
140.01	1		0.018													
142.00	1		0.42													