

AAFCO Check Sample Program
All Methods Report



AAFCO
Check Sample Program



Proficiency For Individual Methods
Sample # 201525
Equine Feed
Regular Program

Labs Reporting: 225
Issue Date : 06/30/2015

Method Code	Total # Labs Submitting	# Labs in Method Precision Calcs	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U) - Robust	% RSD - Robust	Between Labs sL	Within Labs sr	Reproducibility SR	Between Labs %RSD	Within Labs %/rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)	Horwitz %RSD
000.02	1		0.20000														
001.00	7	6	8.1925	0.50570	8.1179	0.56939	0.15217	7.01%	0.50438	0.05149	0.50701	6.16%	0.63%	6.19%	9.8459	0.09971	2.92%
001.03	12	12	8.2121	0.12256	8.1967	0.10852	0.02215	1.32%	0.12209	0.01514	0.12302	1.49%	0.18%	1.50%	8.1267	0.01750	2.91%
001.05	1		8.1800														
001.07	41	37	8.1556	0.22968	8.1438	0.22309	0.02526	2.74%	0.22382	0.07285	0.23538	2.74%	0.89%	2.89%	3.2310	0.08605	2.92%
001.08	2	0															
001.99	18	16	8.0451	0.41296	8.1353	0.32755	0.05617	4.03%	0.41140	0.05062	0.41451	5.11%	0.63%	5.15%	8.1890	0.07081	2.92%
002.00	3	3	25.238	0.37863	25.238	0.37863	0.21860	1.50%	0.37574	0.06595	0.38149	1.49%	0.26%	1.51%	5.7841	0.08333	1.99%
002.01	18	16	25.258	0.24673	25.307	0.13790	0.02365	0.54%	0.23480	0.10719	0.25811	0.93%	0.42%	1.02%	2.4079	0.12648	1.99%
002.02	4	4	25.260	0.21112	25.260	0.21112	0.10556	0.84%	0.20822	0.04928	0.21397	0.82%	0.20%	0.85%	4.3418	0.06138	1.99%
002.04	5	4	25.341	0.39107	25.341	0.39107	0.19554	1.54%	0.37491	0.15736	0.40660	1.48%	0.62%	1.60%	2.5838	0.17600	1.99%
002.05	42	38	25.219	0.31385	25.213	0.29167	0.03261	1.16%	0.30824	0.08350	0.31935	1.22%	0.33%	1.27%	3.8246	0.09416	1.99%
002.06	140	128	25.638	0.30518	25.646	0.27061	0.01641	1.06%	0.29209	0.12504	0.31773	1.14%	0.49%	1.24%	2.5409	0.15013	1.97%
002.08	3	3	25.333	0.42171	25.333	0.42171	0.24347	1.66%	0.41581	0.09937	0.42752	1.64%	0.39%	1.69%	4.3023	0.09353	1.99%
002.10	1		25.800														
002.11	5	5	25.795	1.7334	25.795	1.7334	0.77521	6.72%	1.7328	0.06458	1.7340	6.72%	0.25%	6.72%	26.853	0.06600	1.97%
002.99	3	3	27.748	4.3836	27.748	4.3836	2.5309	15.80%	4.3813	0.20170	4.3859	15.79%	0.73%	15.81%	21.745	0.23667	1.90%
003.00	15	12	5.7919	0.46566	5.7557	0.34150	0.06454	5.93%	0.46178	0.08484	0.46951	7.97%	1.46%	8.11%	5.5338	0.13340	3.07%
003.01	2	0															
003.06	20	18	5.5874	0.25611	5.6271	0.19956	0.03237	3.55%	0.23480	0.14464	0.27577	4.20%	2.59%	4.94%	1.9066	0.13905	3.08%
003.09	23	19	5.7452	0.24732	5.7239	0.25485	0.03842	4.45%	0.24568	0.04021	0.24895	4.28%	0.70%	4.33%	6.1916	0.05636	3.08%
003.10	33	30	5.4919	0.14880	5.4997	0.16296	0.02037	2.96%	0.12986	0.10273	0.16558	2.36%	1.87%	3.01%	1.6118	0.11587	3.09%
003.11	5	3	5.3583	0.10611	5.3583	0.10611	0.06126	1.98%	0.10352	0.03291	0.10863	1.93%	0.61%	2.03%	3.3003	0.11400	3.11%
003.12	8	7	5.6407	0.11963	5.6067	0.16628	0.04157	2.97%	0.11766	0.03059	0.12157	2.09%	0.54%	2.16%	3.9743	0.04625	3.09%
003.13	13	12	5.6309	0.23585	5.6689	0.15886	0.03116	2.80%	0.21399	0.14022	0.25584	3.80%	2.49%	4.54%	1.8245	0.18000	3.08%
003.14	41	36	5.3913	0.35308	5.3567	0.39852	0.04512	7.44%	0.33911	0.13902	0.36651	6.29%	2.58%	6.80%	2.6363	0.15882	3.11%
003.99	4	3	5.0067	0.90907	5.0067	0.90907	0.52485	18.16%	0.90904	0.01000	0.90910	18.16%	0.20%	18.16%	90.910	0.26000	3.14%
004.00	25	22	5.5684	0.41384	5.6132	0.38076	0.05385	6.78%	0.40632	0.11104	0.42122	7.30%	1.99%	7.56%	3.7934	0.15663	3.09%
004.01	2	0															
004.03	5	5	5.1790	1.1258	5.1790	1.1258	0.50346	21.74%	1.1229	0.11309	1.1286	21.68%	2.18%	21.79%	9.9794	0.13400	3.12%
004.06	36	33	5.7592	0.33455	5.7702	0.35597	0.04255	6.17%	0.32911	0.08495	0.33990	5.71%	1.48%	5.90%	4.0012	0.08910	3.07%
004.07	63	58	5.5174	0.50376	5.5415	0.56824	0.05103	10.25%	0.48980	0.16652	0.51734	8.88%	3.02%	9.38%	3.1067	0.20243	3.09%

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004.11	4	4	4.0563	1.1173	4.0563	1.1173	0.55867	27.55%	1.1154	0.09361	1.1193	27.50%	2.31%	27.59%	11.957	0.09750	3.24%
004.99	3	3	5.3700	0.41797	5.3700	0.41797	0.24132	7.78%	0.38799	0.21985	0.44594	7.23%	4.09%	8.30%	2.0284	0.23333	3.11%
005.00	102	95	9.9593	0.26763	9.9545	0.27405	0.01948	2.75%	0.26348	0.06642	0.27172	2.65%	0.67%	2.73%	4.0911	0.07765	2.83%
005.05	34	30	10.238	0.16487	10.227	0.18986	0.02337	1.86%	0.16199	0.04339	0.16770	1.58%	0.42%	1.64%	3.8650	0.05513	2.82%
005.11	5	5	10.035	1.6991	10.035	1.6991	0.75987	16.93%	1.6985	0.06641	1.6998	16.93%	0.66%	16.94%	25.596	0.07800	2.83%
005.99	11	11	10.135	0.25698	10.181	0.18880	0.04025	1.85%	0.25308	0.06308	0.26082	2.50%	0.62%	2.57%	4.1346	0.06512	2.82%
006.00	3	3	6.1917	2.9361	6.1917	2.9361	1.6951	47.42%	2.9359	0.04673	2.9362	47.42%	0.75%	47.42%	62.839	0.05000	3.04%
006.01	2	0															
006.99	3	2	5.5650	3.0901	5.5650	3.0901	2.1850	55.53%	3.0898	0.05099	3.0903	55.52%	0.92%	55.53%	60.605	0.41000	3.09%
008.02	13	10	7.9127	0.50736	7.9479	0.63819	0.13027	8.03%	0.50329	0.09065	0.51139	6.36%	1.15%	6.46%	5.6415	0.12516	2.93%
008.05	1		8.1500														
008.08	34	32	7.4252	0.81614	7.4575	0.85911	0.10575	11.52%	0.80286	0.20731	0.82920	10.81%	2.79%	11.17%	3.9998	0.21629	2.96%
008.99	2	0															
009.04	1		19.175														
009.07	8	7	17.198	0.89211	17.464	1.2661	0.31652	7.25%	0.88327	0.17721	0.90087	5.14%	1.03%	5.24%	5.0836	0.26729	2.39%
009.09	35	33	17.094	1.5523	17.025	1.5622	0.18944	9.18%	1.5298	0.37244	1.5745	8.95%	2.18%	9.21%	4.2275	0.41966	2.42%
009.99	3	2	17.293	0.01768	17.293	0.01768	0.01250	0.10%		0.23564			1.36%		0.20333	2.40%	
010.03	3	3	7.9200	0.53289	7.9200	0.53289	0.30767	6.73%	0.49406	0.28243	0.56909	6.24%	3.57%	7.19%	2.0150	0.33333	2.93%
010.11	7	6	8.6658	0.59627	8.6658	0.67617	0.19519	7.80%	0.59582	0.03255	0.59671	6.88%	0.38%	6.89%	18.331	0.03567	2.89%
010.99	16	16	8.2613	0.47735	8.2557	0.46834	0.08279	5.67%	0.47346	0.08593	0.48120	5.73%	1.04%	5.82%	5.5998	0.09653	2.91%
011.01	79	72	8.9812	0.40517	9.0171	0.39859	0.03212	4.42%	0.39554	0.12421	0.41459	4.40%	1.38%	4.62%	3.3377	0.15595	2.87%
011.02	2	0															
011.03	1		8.7100														
011.99	3	3	8.8267	0.15373	8.8267	0.15373	0.08876	1.74%	0.15351	0.01155	0.15395	1.74%	0.13%	1.74%	13.332	0.01333	2.88%
012.00	14	13	19.417	0.63118	19.417	0.71576	0.14037	3.69%	0.62365	0.13748	0.63862	3.21%	0.71%	3.29%	4.6453	0.14000	2.27%
012.01	8	7	16.658	0.72580	16.883	1.0491	0.26227	6.21%	0.65523	0.44151	0.79009	3.93%	2.65%	4.74%	1.7895	0.54823	2.43%
012.02	3	3	21.702	5.9373	21.702	5.9373	3.4279	27.36%	5.9305	0.40094	5.9441	27.33%	1.85%	27.39%	14.826	0.54333	2.15%
012.03	5	5	18.263	1.0603	18.263	1.0603	0.47419	5.81%	1.0551	0.14843	1.0655	5.78%	0.81%	5.83%	7.1787	0.15800	2.34%
012.04	5	5	18.162	1.8776	18.162	1.8776	0.83969	10.34%	1.8663	0.29151	1.8889	10.28%	1.61%	10.40%	6.4796	0.35200	2.35%
012.11	4	4	17.834	1.6793	17.834	1.6793	0.83966	9.42%	1.6785	0.07289	1.6801	9.41%	0.41%	9.42%	23.051	0.08250	2.37%
013.00	19	18	6.5258	0.61151	6.4540	0.50990	0.08498	7.90%	0.60295	0.14422	0.61996	9.24%	2.21%	9.50%	4.2987	0.16447	3.02%
013.02	26	24	7.0091	0.31160	7.0376	0.32856	0.04646	4.67%	0.28662	0.17287	0.33472	4.09%	2.47%	4.78%	1.9362	0.18824	2.98%
013.08	1		3.2500														
013.10	8	7	6.2503	0.30460	6.3505	0.26372	0.06593	4.15%	0.25809	0.22879	0.34490	4.13%	3.66%	5.52%	1.5075	0.24575	3.03%
013.13	5	5	6.8813	0.78839	6.8813	0.78839	0.35258	11.46%	0.77987	0.16351	0.79683	11.33%	2.38%	11.58%	4.8731	0.19426	2.99%
015.41	6	6	575.11	59.515	575.11	67.490	19.483	11.74%	58.822	12.810	60.200	10.23%	2.23%	10.47%	4.6994	12.502	6.15%
015.42	1		556.40														
015.43	7	7	453.42	62.387	465.06	38.085	10.179	8.19%	62.042	9.2586	62.729	13.68%	2.04%	13.83%	6.7752	10.844	6.35%
015.53	2	0															
017.41	2	0															
017.42	5	5	16.154	1.7386	16.154	1.7386	0.77754	10.76%	1.1616	1.8294	2.1671	7.19%	11.33%	13.42%	1.1846	1.7920	10.52%
017.43	7	5	16.359	0.91946	16.224	0.96813	0.27948	5.97%	0.89022	0.32528	0.94779	5.44%	1.99%	5.79%	2.9137	0.31833	10.52%
017.52	1		22.507														

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017.53	1		15.080														
019.00	21	20	1.8435	0.15778	1.8398	0.09135	0.01410	4.97%	0.15544	0.03824	0.16008	8.43%	2.07%	8.68%	4.1856	0.03950	3.65%
019.02	1		2.4150														
019.03	1		1.8990														
019.08	10	8	1.7968	0.04222	1.8083	0.04754	0.01121	2.63%	0.03961	0.02065	0.04467	2.20%	1.15%	2.49%	2.1635	0.03981	3.66%
019.09	1		1.7710														
019.31	28	26	1.8227	0.12329	1.8350	0.08446	0.01149	4.60%	0.12132	0.03111	0.12524	6.66%	1.71%	6.87%	4.0256	0.03310	3.65%
019.32	4	3	1.9055	0.07968	1.9055	0.07968	0.04600	4.18%	0.07960	0.00498	0.07975	4.18%	0.26%	4.19%	16.004	0.02200	3.63%
019.33	1		1.9500														
019.41	41	37	1.8585	0.07865	1.8512	0.07227	0.00818	3.90%	0.07603	0.02846	0.08118	4.09%	1.53%	4.37%	2.8528	0.03201	3.65%
019.42	21	19	1.9100	0.11155	1.8905	0.11105	0.01756	5.87%	0.10392	0.05735	0.11870	5.44%	3.00%	6.21%	2.0697	0.07585	3.63%
019.43	22	22	1.8438	0.11111	1.8463	0.10503	0.01583	5.69%	0.10900	0.03051	0.11318	5.91%	1.65%	6.14%	3.7102	0.03525	3.65%
019.44	3	3	1.8433	0.03329	1.8433	0.03329	0.01922	1.81%	0.02432	0.03215	0.04031	1.32%	1.74%	2.19%	1.2540	0.04000	3.65%
019.52	3	3	1.9159	0.19055	1.9159	0.19055	0.11001	9.95%	0.18947	0.02866	0.19162	9.89%	1.50%	10.00%	6.6853	0.03960	3.63%
019.53	1		1.9125														
019.99	6	5	1.7112	0.24028	1.8095	0.16394	0.04733	9.06%	0.23905	0.03435	0.24151	13.97%	2.01%	14.11%	7.0305	0.04667	3.66%
021.31	7	6	3.5000	1.0356	3.3271	0.72602	0.19404	21.82%	1.0317	0.12748	1.0395	29.48%	3.64%	29.70%	8.1547	0.22000	13.35%
021.34	1		4.2950														
021.41	5	5	2.6016	0.71104	2.6016	0.71104	0.31798	27.33%	0.71012	0.05109	0.71195	27.30%	1.96%	27.37%	13.936	0.05856	13.85%
021.42	2	0															
021.43	6	6	3.0840	0.42474	3.0549	0.42381	0.12234	13.87%	0.41635	0.11874	0.43296	13.50%	3.85%	14.04%	3.6462	0.12198	13.52%
021.51	1		2.3500														
021.52	3	3	2.5683	0.16065	2.5683	0.16065	0.09275	6.26%	0.10863	0.16738	0.19954	4.23%	6.52%	7.77%	1.1921	0.16333	13.88%
021.53	5	5	2.8080	1.0276	2.8080	1.0276	0.45955	36.59%	1.0094	0.27195	1.0454	35.95%	9.68%	37.23%	3.8442	0.27704	13.69%
022.31	21	21	129.72	4.9977	129.82	5.4437	0.83998	4.19%	4.8077	1.9301	5.1807	3.71%	1.49%	3.99%	2.6841	2.3010	7.69%
022.32	4	4	140.50	15.172	140.50	15.172	7.5858	10.80%	15.085	2.2894	15.258	10.74%	1.63%	10.86%	6.6646	2.6250	7.60%
022.33	1		131.75														
022.41	34	30	130.06	9.3108	130.82	8.6435	1.0804	6.61%	9.1266	2.6062	9.4914	7.02%	2.00%	7.30%	3.6418	3.1963	7.68%
022.42	19	19	139.94	12.607	139.39	13.026	2.1130	9.34%	11.621	6.9114	13.521	8.30%	4.94%	9.66%	1.9563	7.2342	7.61%
022.43	20	19	132.16	7.6905	130.68	6.8772	1.0874	5.26%	7.3403	3.2449	8.0255	5.55%	2.46%	6.07%	2.4733	3.5983	7.68%
022.44	1		129.50														
022.52	3	2	150.80	13.718	150.80	13.718	9.7000	9.10%	13.709	0.70711	13.727	9.09%	0.47%	9.10%	19.413	4.0000	7.52%
022.53	4	4	129.76	14.922	129.76	14.922	7.4610	11.50%	12.643	11.209	16.896	9.74%	8.64%	13.02%	1.5074	12.973	7.69%
022.99	2	0															
024.01	1		2.7400														
024.03	1		342.35														
025.31	17	16	475.09	18.579	472.94	22.271	3.8195	4.71%	17.097	10.284	19.951	3.60%	2.16%	4.20%	1.9401	12.998	6.33%
025.32	3	3	431.91	118.41	431.91	118.41	68.365	27.42%	117.35	22.357	119.46	27.17%	5.18%	27.66%	5.3434	21.570	6.42%
025.33	1		462.29														
025.41	36	32	457.22	31.518	461.83	25.242	3.0170	5.47%	30.458	11.464	32.544	6.66%	2.51%	7.12%	2.8388	13.960	6.35%
025.42	16	14	431.58	60.675	433.09	57.416	10.483	13.26%	59.613	15.979	61.718	13.81%	3.70%	14.30%	3.8625	15.197	6.42%
025.43	20	19	454.71	31.234	451.00	35.591	5.6275	7.89%	29.946	12.551	32.470	6.59%	2.76%	7.14%	2.5871	13.031	6.38%
025.52	4	4	428.73	45.254	428.73	45.254	22.627	10.56%	41.779	24.593	48.480	9.74%	5.74%	11.31%	1.9713	34.613	6.43%

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025.53	3	3	362.11	162.10	362.11	162.10	93.586	44.77%	161.99	8.4260	162.21	44.73%	2.33%	44.80%	19.251	9.9967	6.59%
025.99	2	0															
027.31	22	22	0.39302	0.01993	0.39387	0.01637	0.00247	4.16%	0.01947	0.00602	0.02038	4.95%	1.53%	5.19%	3.3843	0.00640	4.60%
027.32	3	2	0.40253	0.00350	0.40253	0.00350	0.00248	0.87%		0.00523			1.30%		0.00437	4.59%	
027.33	1		0.40500														
027.34	1		0.39400														
027.41	35	31	0.40947	0.01494	0.40986	0.01666	0.00202	4.06%	0.01414	0.00686	0.01571	3.45%	1.67%	3.84%	2.2909	0.00859	4.57%
027.42	19	19	0.41433	0.02682	0.41378	0.02927	0.00475	7.07%	0.02382	0.01745	0.02952	5.75%	4.21%	7.13%	1.6921	0.01778	4.57%
027.43	20	19	0.40436	0.02491	0.40269	0.02622	0.00415	6.51%	0.02436	0.00732	0.02544	6.02%	1.81%	6.29%	3.4749	0.00933	4.59%
027.44	3	3	0.39183	0.00651	0.39183	0.00651	0.00376	1.66%		0.01324			3.38%		0.01433	4.61%	
027.52	3	3	0.41398	0.01611	0.41398	0.01611	0.00930	3.89%	0.01460	0.00961	0.01748	3.53%	2.32%	4.22%	1.8183	0.01330	4.57%
027.53	1		0.40795														
027.99	3	2	0.31500	0.12021	0.31500	0.12021	0.08500	38.16%	0.12021	0.00000	0.12021	38.16%	0.00%	38.16%		0.00333	4.76%
028.31	19	17	190.58	8.6120	191.27	9.2982	1.5497	4.86%	8.3966	2.7065	8.8221	4.41%	1.42%	4.63%	3.2595	2.8289	7.26%
028.32	4	4	191.35	11.779	191.35	11.779	5.8894	6.16%	11.773	0.53881	11.785	6.15%	0.28%	6.16%	21.873	0.53750	7.25%
028.41	34	31	186.59	10.818	188.01	9.0259	1.0946	4.80%	10.250	4.8938	11.358	5.49%	2.62%	6.09%	2.3210	5.7982	7.27%
028.42	19	18	200.88	14.174	199.18	15.171	2.4611	7.62%	12.799	8.6140	15.428	6.37%	4.29%	7.68%	1.7910	10.261	7.21%
028.43	20	18	190.45	6.8725	191.92	5.7848	0.91466	3.01%	6.0330	4.6547	7.6200	3.17%	2.44%	4.00%	1.6370	5.8910	7.25%
028.44	2	0															
028.52	3	3	206.48	9.5119	206.48	9.5119	5.4917	4.61%	8.0120	7.2504	10.806	3.88%	3.51%	5.23%	1.4903	8.7000	7.17%
028.53	3	3	190.45	10.697	190.45	10.697	6.1759	5.62%	9.8049	6.0483	11.520	5.15%	3.18%	6.05%	1.9047	8.3567	7.26%
028.99	2	0															
031.00	2	0															
031.01	55	49	1.1830	0.03146	1.1794	0.02854	0.00275	2.42%	0.03034	0.01176	0.03254	2.57%	0.99%	2.75%	2.7679	0.01658	3.90%
031.02	3	2	1.1800	0.02828	1.1800	0.02828	0.02000	2.40%	0.02828	0.00000	0.02828	2.40%	0.00%	2.40%		0.00107	3.90%
031.03	4	3	1.2038	0.01862	1.2038	0.01862	0.01075	1.55%	0.01839	0.00410	0.01884	1.53%	0.34%	1.57%	4.6003	0.01120	3.89%
031.06	2	0															
031.41	39	36	1.1782	0.05572	1.1825	0.05181	0.00594	4.38%	0.05447	0.01661	0.05694	4.62%	1.41%	4.83%	3.4285	0.02014	3.90%
031.42	22	20	1.1680	0.07540	1.1664	0.09028	0.01361	7.74%	0.07133	0.03455	0.07926	6.11%	2.96%	6.79%	2.2942	0.04981	3.91%
031.43	21	20	1.1626	0.06152	1.1695	0.05302	0.00818	4.53%	0.05988	0.01997	0.06312	5.15%	1.72%	5.43%	3.1611	0.02667	3.91%
031.44	3	3	1.1283	0.03547	1.1283	0.03547	0.02048	3.14%	0.03391	0.01472	0.03697	3.01%	1.30%	3.28%	2.5115	0.01667	3.93%
031.52	1		1.2343														
031.53	2	0															
031.99	6	6	1.0342	0.12512	1.0474	0.11933	0.03445	11.39%	0.12440	0.01893	0.12583	12.03%	1.83%	12.17%	6.6473	0.02167	3.97%
032.02	3	3	1.3757	0.01210	1.3757	0.01210	0.00698	0.88%		0.08228			5.98%		0.09467	3.81%	
032.08	1		1.5335														
032.31	23	21	1.3398	0.06309	1.3289	0.07962	0.01174	5.99%	0.06095	0.02303	0.06516	4.55%	1.72%	4.86%	2.8298	0.02521	3.83%
032.32	3	3	1.2379	0.19576	1.2379	0.19576	0.11302	15.81%	0.19567	0.00834	0.19585	15.81%	0.67%	15.82%	23.497	0.00927	3.87%
032.41	36	33	1.3397	0.07328	1.3440	0.06798	0.00812	5.06%	0.07177	0.02100	0.07477	5.36%	1.57%	5.58%	3.5615	0.02427	3.83%
032.42	20	18	1.3861	0.07143	1.3787	0.08226	0.01334	5.97%	0.06555	0.04013	0.07686	4.73%	2.90%	5.55%	1.9151	0.05309	3.81%
032.43	22	20	1.3390	0.03790	1.3424	0.04549	0.00702	3.39%	0.03472	0.02151	0.04084	2.59%	1.61%	3.05%	1.8990	0.02567	3.83%
032.44	2	0															
032.52	2	0															

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032.53	2	0															
032.99	4	4	1.2724	0.16007	1.2724	0.16007	0.08003	12.58%	0.15990	0.01037	0.16023	12.57%	0.82%	12.59%	15.445	0.01225	3.86%
033.00	29	25	0.98287	0.06467	0.99260	0.06207	0.00829	6.25%	0.06391	0.01396	0.06542	6.50%	1.42%	6.66%	4.6849	0.02159	4.00%
033.01	39	34	1.0532	0.02782	1.0552	0.01983	0.00234	1.88%	0.02732	0.00743	0.02831	2.59%	0.71%	2.69%	3.8091	0.00786	3.97%
033.03	7	6	0.98058	0.02585	0.97210	0.03692	0.00987	3.80%	0.00493	0.03588	0.03622	0.50%	3.66%	3.69%	1.0094	0.03329	4.02%
033.05	3	3	1.0550	0.08047	1.0550	0.08047	0.04646	7.63%	0.07958	0.01683	0.08134	7.54%	1.60%	7.71%	4.8325	0.01667	3.97%
033.99	11	8	1.0763	0.36877	1.0146	0.19845	0.04438	19.56%	0.36861	0.01541	0.36893	34.25%	1.43%	34.28%	23.939	0.02480	3.99%
034.01	2	0															
034.04	6	5	1.7980	0.16732	1.8392	0.20464	0.05907	11.13%	0.16696	0.01549	0.16768	9.29%	0.86%	9.33%	10.823	0.03500	14.60%
034.41	1		1.5000														
034.43	1		2.2515														
034.52	5	5	1.8860	0.12336	1.8860	0.12336	0.05517	6.54%	0.10820	0.08379	0.13685	5.74%	4.44%	7.26%	1.6333	0.09200	14.54%
034.53	8	7	1.8175	0.21476	1.8179	0.24260	0.06484	13.34%	0.20869	0.07174	0.22067	11.48%	3.95%	12.14%	3.0761	0.08200	14.62%
034.99	3	3	1.2670	0.90185	1.2670	0.90185	0.52068	71.18%	0.90162	0.02887	0.90208	71.16%	2.28%	71.20%	31.249	0.02667	15.44%
035.01	4	4	0.32063	0.01383	0.32063	0.01383	0.00691	4.31%	0.01272	0.00766	0.01485	3.97%	2.39%	4.63%	1.9396	0.00875	4.75%
035.05	3	2	0.31250	0.01768	0.31250	0.01768	0.01250	5.66%	0.01732	0.00500	0.01803	5.54%	1.60%	5.77%	3.6056	0.01333	4.76%
035.31	21	18	0.32274	0.02384	0.32465	0.02312	0.00366	7.12%	0.02351	0.00561	0.02417	7.28%	1.74%	7.49%	4.3099	0.00810	4.74%
035.32	3	2	0.28900	0.06223	0.28900	0.06223	0.04400	21.53%	0.06212	0.00500	0.06233	21.50%	1.73%	21.57%	12.465	17.670	4.82%
035.41	36	33	0.31807	0.01821	0.31873	0.01491	0.00178	4.68%	0.01709	0.00888	0.01926	5.37%	2.79%	6.06%	2.1685	0.00917	4.75%
035.42	17	16	0.31616	0.02545	0.31697	0.02071	0.00355	6.53%	0.02459	0.00927	0.02628	7.78%	2.93%	8.31%	2.8341	0.01269	4.75%
035.43	15	15	0.31168	0.02525	0.30761	0.02058	0.00376	6.69%	0.02466	0.00764	0.02582	7.91%	2.45%	8.28%	3.3788	0.00838	4.78%
035.52	1		0.33115														
035.53	2	0															
035.99	4	3	0.32500	0.02291	0.32500	0.02291	0.01323	7.05%	0.02273	0.00408	0.02309	6.99%	1.26%	7.11%	5.6569	0.00500	4.74%
036.00	1		0.34000														
036.04	5	5	0.32792	0.02205	0.32792	0.02205	0.00986	6.72%	0.01939	0.01483	0.02442	5.91%	4.52%	7.45%	1.6461	0.01600	4.73%
036.42	22	19	0.32847	0.02812	0.32367	0.02963	0.00457	9.15%	0.02794	0.00459	0.02831	8.50%	1.40%	8.62%	6.1737	0.01026	4.74%
036.43	11	10	0.32705	0.01477	0.32690	0.01646	0.00368	5.04%	0.01466	0.00247	0.01487	4.48%	0.75%	4.55%	6.0255	0.00233	4.73%
036.99	2	0															
037.31	21	20	338.76	18.405	339.40	17.828	2.8189	5.25%	17.966	5.6500	18.834	5.30%	1.67%	5.56%	3.3333	6.1915	6.66%
037.32	4	4	332.85	30.829	332.85	30.829	15.415	9.26%	30.641	4.8112	31.016	9.21%	1.45%	9.32%	6.4466	4.6700	6.67%
037.33	1		341.39														
037.41	35	33	330.77	17.890	333.14	18.915	2.2608	5.68%	16.779	8.7777	18.936	5.07%	2.65%	5.72%	2.1573	9.2039	6.67%
037.42	19	18	340.09	30.835	338.11	18.226	2.9567	5.39%	29.776	11.328	31.858	8.76%	3.33%	9.37%	2.8123	13.855	6.66%
037.43	21	20	331.36	23.939	332.94	27.608	4.2601	8.29%	23.557	6.0243	24.315	7.11%	1.82%	7.34%	4.0362	7.1012	6.67%
037.44	2	0															
037.52	3	3	356.65	12.321	356.65	12.321	7.1138	3.45%		25.301			7.09%			27.100	6.61%
037.53	2	0															
037.99	3	3	318.00	33.974	318.00	33.974	19.615	10.68%	33.819	4.5826	34.128	10.64%	1.44%	10.73%	7.4474	5.3333	6.72%
038.41	3	3	3.8051	0.09324	3.8051	0.09324	0.05383	2.45%	0.08169	0.06356	0.10351	2.15%	1.67%	2.72%	1.6284	0.06927	13.08%
038.42	3	2	3.8000	0.00000	3.8000	0.00000	0.00000	0.00%		0.05000			1.32%			0.06000	13.08%
038.43	6	5	3.4950	0.43929	3.6892	0.43684	0.12610	11.84%	0.40535	0.23944	0.47079	11.60%	6.85%	13.47%	1.9662	0.31833	13.14%
038.52	1		4.0000														

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038.53	5	4	4.0144	0.14881	4.0144	0.14881	0.07440	3.71%	0.07068	0.18519	0.19822	1.76%	4.61%	4.94%	1.0704	0.43328	12.98%
040.42	1		8.3850														
040.43	1		18.258														
040.52	1		8.2000														
040.53	1		7.4060														
041.52	1		1.1000														
041.53	1		1.8200														
042.00	2	0															
042.99	2	0															
061.02	3	0														0.07500	
061.03	4	4	1.5575	0.21156	1.5575	0.21156	0.10578	13.58%	0.18002	0.15716	0.23897	11.56%	10.09%	15.34%	1.5206	0.19000	14.96%
065.03	4	0														0.28000	
065.04	1		0.95000														
065.99	2	0															
079.01	1		0.00000														
101.01	2	0															
101.02	1		2,285.0														
102.01	1		121.50														
104.00	2	0															
104.03	2	0															
105.00	6	6	34.060	18.164	31.624	12.270	3.5420	38.80%	18.133	1.4822	18.194	53.24%	4.35%	53.42%	12.275	1.5103	9.51%
106.00	1		20.950														
106.01	1		23.250														
106.02	28	26	56.976	168.78	23.195	5.2998	0.72121	22.85%	168.77	2.5489	168.79	296.22%	4.47%	296.25%	66.222	4.7483	
107.00	1		101.40														
108.01	2	0															
108.02	7	5	3.4597	1.5465	4.0031	2.1769	0.62841	54.38%	1.5410	0.18456	1.5520	44.54%	5.33%	44.86%	8.4093	0.71950	
108.99	1		4.3100														
109.02	24	21	551.28	97.902	549.57	89.425	13.185	16.27%	97.156	17.056	98.642	17.62%	3.09%	17.89%	5.7834	19.024	6.19%
109.99	1		594.00														
111.00	1		0.00000														
111.01	2	0															
111.99	1		132.00														
113.01	1		10.160														
114.01	2	0															
114.99	1		3.4505														
118.01	1		12.150														
120.00	18	15	1.1766	0.01381	1.1744	0.01818	0.00303	1.55%	0.01258	0.00806	0.01494	1.07%	0.68%	1.27%	1.8536	0.01117	3.90%
120.01	1		1.0635														
120.02	2	0															
120.05	3	3	1.1288	0.06534	1.1288	0.06534	0.03772	5.79%	0.06262	0.02636	0.06794	5.55%	2.34%	6.02%	2.5776	0.03100	3.93%
121.00	18	15	1.7222	0.04284	1.7201	0.04547	0.00780	2.64%	0.04179	0.01333	0.04386	2.43%	0.77%	2.55%	3.2893	0.01822	3.69%
121.01	1		1.7735														

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121.02	2	0															
121.05	3	3	1.7448	0.08550	1.7448	0.08550	0.04936	4.90%	0.08010	0.04229	0.09058	4.59%	2.42%	5.19%	2.1420	0.04233	3.68%
122.00	18	17	2.5419	0.06311	2.5435	0.05307	0.00885	2.09%	0.05970	0.02893	0.06634	2.35%	1.14%	2.61%	2.2932	0.02784	3.48%
122.01	1		2.2040														
122.02	2	0															
122.05	3	3	2.6038	0.09328	2.6038	0.09328	0.05386	3.58%	0.07029	0.08672	0.11163	2.70%	3.33%	4.29%	1.2872	0.09500	3.46%
124.00	18	18	0.39890	0.03105	0.39786	0.02725	0.00454	6.85%	0.03043	0.00870	0.03165	7.63%	2.18%	7.93%	3.6379	0.00983	4.59%
124.01	1		0.35500														
124.02	2	0															
124.05	2	0															
125.00	18	16	4.6353	0.11009	4.6546	0.12464	0.02077	2.68%	0.10633	0.04033	0.11372	2.29%	0.87%	2.45%	2.8198	0.05742	3.17%
125.01	1		4.5550														
125.02	2	0															
125.05	3	3	4.5717	0.24750	4.5717	0.24750	0.14290	5.41%	0.23803	0.09590	0.25662	5.21%	2.10%	5.61%	2.6761	0.09867	3.18%
126.00	18	16	1.1110	0.01874	1.1088	0.02290	0.00393	2.07%	0.01821	0.00627	0.01926	1.64%	0.56%	1.73%	3.0743	0.00837	3.94%
126.01	1		1.0255														
126.02	2	0															
126.05	3	3	1.1158	0.05625	1.1158	0.05625	0.03248	5.04%	0.05208	0.03006	0.06014	4.67%	2.69%	5.39%	2.0006	0.03367	3.93%
127.00	18	16	0.65062	0.02785	0.64978	0.01871	0.00312	2.88%	0.02741	0.00695	0.02828	4.21%	1.07%	4.35%	4.0689	0.01118	4.27%
127.01	1		0.52400														
127.02	2	0															
127.05	3	2	0.65950	0.00071	0.65950	0.00071	0.00050	0.11%		0.02022			3.07%			0.02200	4.26%
128.00	18	18	1.0277	0.03954	1.0329	0.03336	0.00556	3.23%	0.03784	0.01623	0.04117	3.68%	1.58%	4.01%	2.5369	0.01780	3.98%
128.01	1		1.0315														
128.02	2	0															
128.05	3	2	1.0965	0.05445	1.0965	0.05445	0.03850	4.97%	0.05426	0.00640	0.05464	4.95%	0.58%	4.98%	8.5326	0.03933	3.94%
129.00	18	18	1.9317	0.03333	1.9324	0.03560	0.00593	1.84%	0.02939	0.02224	0.03686	1.52%	1.15%	1.91%	1.6570	0.02399	3.62%
129.01	1		1.8835														
129.02	2	0															
129.05	3	3	1.9245	0.12608	1.9245	0.12608	0.07279	6.55%	0.12065	0.05177	0.13129	6.27%	2.69%	6.82%	2.5359	0.05633	3.62%
130.00	20	19	1.4559	0.04263	1.4519	0.03647	0.00592	2.51%	0.04086	0.01717	0.04432	2.81%	1.18%	3.04%	2.5821	0.01878	3.78%
130.01	2	0															
130.02	2	0															
130.05	6	6	1.4976	0.09656	1.4976	0.10950	0.03161	7.31%	0.09299	0.03682	0.10001	6.21%	2.46%	6.68%	2.7162	0.04217	3.76%
130.99	3	3	1.6646	0.46288	1.6646	0.46288	0.26724	27.81%	0.46118	0.05595	0.46456	27.71%	3.36%	27.91%	8.3039	0.06870	3.70%
131.00	19	18	0.38958	0.02554	0.39015	0.02638	0.00440	6.76%	0.02517	0.00612	0.02591	6.46%	1.57%	6.65%	4.2305	0.00661	4.61%
131.01	1		0.36500														
131.02	2	0															
131.05	4	4	0.35850	0.03628	0.35850	0.03628	0.01814	10.12%	0.02925	0.03036	0.04216	8.16%	8.47%	11.76%	1.3887	0.03250	4.67%
131.99	1		0.43075														
132.00	18	18	1.2051	0.02594	1.2045	0.02796	0.00466	2.32%	0.02393	0.01414	0.02780	1.99%	1.17%	2.31%	1.9656	0.01531	3.89%
132.01	1		1.1955														
132.02	2	0															

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132.05	3	3	1.2107	0.05437	1.2107	0.05437	0.03139	4.49%	0.04908	0.03308	0.05919	4.05%	2.73%	4.89%	1.7895	0.03267	3.89%
133.00	17	17	1.4327	0.04621	1.4328	0.04481	0.00768	3.13%	0.04074	0.03085	0.05110	2.84%	2.15%	3.57%	1.6566	0.02821	3.79%
133.05	3	3	1.4708	0.06002	1.4708	0.06002	0.03465	4.08%	0.05830	0.02017	0.06169	3.96%	1.37%	4.19%	3.0584	0.02700	3.77%
133.99	1		1.5300														
134.00	18	16	1.2466	0.04885	1.2360	0.04603	0.00789	3.72%	0.04744	0.01650	0.05022	3.81%	1.32%	4.03%	3.0442	0.02030	3.87%
134.01	1		1.2120														
134.02	2	0															
134.05	3	3	1.2067	0.02754	1.2067	0.02754	0.01590	2.28%	0.02733	0.00476	0.02774	2.27%	0.39%	2.30%	5.8272	0.00533	3.89%
135.00	20	16	0.95521	0.03909	0.94474	0.02610	0.00423	2.76%	0.03877	0.00710	0.03941	4.06%	0.74%	4.13%	5.5515	0.01187	4.03%
135.01	1		0.92500														
135.02	2	0															
135.05	4	4	0.95575	0.04478	0.95575	0.04478	0.02239	4.69%	0.04408	0.01118	0.04548	4.61%	1.17%	4.76%	4.0675	0.01000	4.03%
135.99	1		1.2242														
136.00	5	5	0.33942	0.04079	0.33942	0.04079	0.01824	12.02%	0.04014	0.01026	0.04143	11.83%	3.02%	12.21%	4.0393	0.01356	4.71%
136.01	4	4	0.34838	0.01720	0.34838	0.01720	0.00860	4.94%	0.01716	0.00154	0.01723	4.93%	0.44%	4.95%	11.181	0.00175	4.69%
136.02	2	0															
136.03	4	4	0.32925	0.01802	0.32925	0.01802	0.00901	5.47%	0.01792	0.00269	0.01812	5.44%	0.82%	5.50%	6.7300	0.00300	4.73%
136.99	1		0.30000														
137.00	12	11	0.82001	0.06024	0.81154	0.06672	0.01362	8.22%	0.05911	0.01648	0.06136	7.21%	2.01%	7.48%	3.7242	0.01850	4.13%
137.01	1		0.80100														
137.02	2	0															
137.05	3	3	0.93917	0.16956	0.93917	0.16956	0.09790	18.05%	0.16920	0.01575	0.16993	18.02%	1.68%	18.09%	10.787	0.01767	4.04%
138.00	18	16	1.1606	0.04045	1.1601	0.05058	0.00843	4.36%	0.03890	0.01573	0.04195	3.35%	1.36%	3.61%	2.6677	0.02034	3.91%
138.01	1		1.2505														
138.02	2	0															
138.05	3	3	1.2603	0.07759	1.2603	0.07759	0.04480	6.16%	0.06758	0.05392	0.08645	5.36%	4.28%	6.86%	1.6034	0.05400	3.86%
139.00	2	0															
139.02	1		0.00000														
140.01	1		0.12150														
160.99	4	3	0.26633	0.08334	0.26633	0.08334	0.04812	31.29%	0.08271	0.01447	0.08396	31.05%	5.43%	31.53%	5.8033	0.01867	4.88%
161.99	1		0.00000														
162.99	6	4	0.29125	0.30899	0.32330	0.27702	0.08760	85.69%	0.30893	0.00863	0.30905	106.07%	2.96%	106.11%	35.805	0.10980	4.74%
163.99	4																
164.99	6	3	0.48667	0.49521	0.45763	0.40849	0.14442	89.26%	0.49518	0.00816	0.49524	101.75%	1.68%	101.76%	60.655	0.08625	4.50%
165.99	6	6	3.2963	0.29999	3.3285	0.27111	0.07826	8.15%	0.29748	0.05475	0.30248	9.02%	1.66%	9.18%	5.5243	0.05267	3.34%
166.99	1		0.88000														
167.99	1		2.1825														
361.02	2	0															
361.03	1		1.3750														
361.04	2	0															
365.03	1		653.30														
365.04	1		0.96100														
365.05	2	0															

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400.01	3	2	0.49503	0.02125	0.49503	0.02125	0.01503	4.29%	0.02125	0.00025	0.02125	4.29%	0.05%	4.29%	84.997	0.00483	
400.99	1		0.46550														
516.00	1		0.33500														
516.43	1		0.50985														
516.52	1		0.35500														
516.53	7	6	0.33332	0.06824	0.35911	0.06382	0.01706	17.77%	0.06766	0.01251	0.06881	20.30%	3.75%	20.64%	5.5009	0.02226	18.66%
518.41	2	0															
518.43	3	0														0.00980	
518.52	1		0.00000														
518.53	6	5	0.07583	0.00475	0.07389	0.00723	0.00209	9.78%	0.00423	0.00305	0.00522	5.58%	4.03%	6.88%	1.7086	0.00295	22.00%
520.41	2	0															
520.43	4	4	22.872	2.5347	22.872	2.5347	1.2673	11.08%	2.4591	0.86889	2.6081	10.75%	3.80%	11.40%	3.0016	0.86075	9.99%
520.52	1		12.300														
520.53	3	3	21.542	0.90176	21.542	0.90176	0.52063	4.19%	0.45856	1.0981	1.1900	2.13%	5.10%	5.52%	1.0837	1.4427	10.08%
520.99	1		19.896														
526.31	1		0.05300														
526.34	1		0.00000														
526.41	1		0.00000														
526.43	2																
526.52	1		0.19000														
526.53	7	7	0.25796	0.03467	0.25745	0.03828	0.01023	14.87%	0.03180	0.01953	0.03732	12.33%	7.57%	14.47%	1.9112	0.02121	19.62%
529.00	1		0.00000														
529.99	5																
539.41	2	0															
539.43	1		4.6629														
539.52	1		3.4500														
539.53	3	3	4.0604	0.08454	4.0604	0.08454	0.04881	2.08%		0.35454			8.73%			0.45067	12.96%
600.01	3	3	1.7133	0.83668													0.33333
600.11	1		2.0000														
600.20	1		0.00000														
610.01	2	0															
710.99	2																
714.99	1		0.12500														
716.99	1		13.560														
718.99	2	0															
720.99	1		0.05000														
722.99	1		3.5050														
724.99	1		19.365														
726.99	2	0															
728.99	1		0.50000														
732.99	1		0.38000														
736.99	1		0.00100														
738.99	1		0.10500														

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740.99	2																
744.99	1		0.00000														
746.99	1		0.00100														
748.99	1		0.00000														
750.99	2																
752.99	1		0.00000														
754.01	3	2	4.0625	5.3210	4.0625	5.3210	3.7625	130.98%	5.3208	0.06500	5.3212	130.97%	1.60%	130.98%	81.864	0.68333	
754.02	1		0.53500														
754.99	2	0															
756.01	3	2	27.595	35.928	27.595	35.928	25.405	130.20%	35.928	0.13000	35.928	130.20%	0.47%	130.20%	276.37	2.3900	
756.02	1		3.9850														
756.99	2	0															
758.01	2	0															
758.99	1		18.690														
762.01	2	0															
762.99	1		20.550														
766.01	2	0															
766.99	1		57.370														
772.99	1		5.0050														