

Appendix A

Detailed Tables for Preliminary Analyses Class III and Class IV Price Formulas

February 2007

This appendix details the impacts of proposed changes to Federal order Class III and Class IV pricing formulas. The following tables present annual changes to economic variables summarized in the Department's preliminary economic analyses. There are ten model scenarios used to analyze proposals submitted by interested parties, labeled scenarios A through J. The impact for each variable is presented as change from the baseline level as adjusted to reflect make allowances as determined by the Interim Final Rule published December 2006.

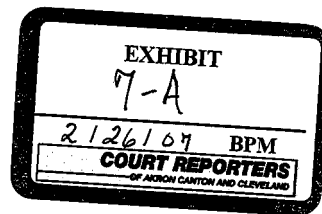


Table A-1. All-Milk Price and Producer Revenue

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
All Milk	\$/cwt	Baseline	14.44	14.47	14.41	14.43	14.65	14.81	14.82	15.17	15.39	14.73
	\$/cwt	A	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$/cwt	B	-0.04	-0.03	-0.02	-0.02	-0.02	-0.01	-0.01	-0.01	-0.01	-0.02
	\$/cwt	C	0.12	0.09	0.06	0.04	0.04	0.03	0.02	0.02	0.03	0.02
	\$/cwt	D	0.10	0.07	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01
	\$/cwt	E	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
	\$/cwt	F	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
	\$/cwt	G	0.15	0.11	0.08	0.07	0.05	0.05	0.04	0.03	0.03	0.03
	\$/cwt	H	-0.40	-0.30	-0.22	-0.17	-0.14	-0.12	-0.10	-0.10	-0.10	-0.09
	\$/cwt	I	-0.08	-0.06	-0.05	-0.04	-0.03	-0.03	-0.02	-0.02	-0.02	-0.02
	\$/cwt	J	-0.03	-0.02	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01
Avg. MILC Payment (MILC payments/milk production)	\$/cwt	Baseline	0.12									
	\$/cwt	A	0.00									
	\$/cwt	B	0.01									
	\$/cwt	C	-0.03									
	\$/cwt	D	-0.01									
	\$/cwt	E	0.00									
	\$/cwt	F	0.00									
	\$/cwt	G	-0.03									
	\$/cwt	H	0.03									
	\$/cwt	I	0.01									
	\$/cwt	J	0.00									
Producer Revenue (including MILC)	mil. \$	Baseline	26,672	26,943	27,100	27,452	28,144	28,778	28,954	29,878	30,548	28,274
	mil. \$	A	-21	-15	-13	-11	-9	-9	-8	-6	-7	-11
	mil. \$	B	-67	-63	-55	-47	-43	-40	-39	-35	-35	-47
	mil. \$	C	166	187	134	112	100	91	82	88	82	116
	mil. \$	D	174	145	95	76	66	58	50	54	50	85
	mil. \$	E	-10	-14	-13	-13	-12	-12	-12	-13	-12	-12
	mil. \$	F	29	0	-1	-4	-5	-5	-6	-12	-7	-1
	mil. \$	G	216	219	188	161	143	135	128	114	117	158
	mil. \$	H	-698	-622	-492	-426	-392	-371	-343	-341	-338	-447
	mil. \$	I	-130	-121	-106	-92	-83	-78	-75	-68	-69	-91
	mil. \$	J	-43	-36	-14	0	17	20	22	18	15	0

Table A-2. Milk Production Variables

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Milk Cows	1000s	Baseline	9,083	9,054	8,999	8,944	8,888	8,831	8,770	8,720	8,665	8,884	
	1000s	A	0	0	-1	-1	-1	-1	-1	-1	-1	-1	
	1000s	B	-1	-2	-2	-2	-3	-3	-3	-3	-3	-3	
	1000s	C	2	4	6	6	7	7	7	7	7	6	
	1000s	D	2	4	5	5	5	5	5	5	5	5	
	1000s	E	0	0	0	-1	-1	-1	-1	-1	-1	-1	
	1000s	F	0	0	0	0	0	0	0	0	0	0	
	1000s	G	3	5	7	8	9	10	10	10	10	10	8
	1000s	H	-9	-16	-21	-24	-26	-27	-28	-29	-29	-29	-23
	1000s	I	-2	-3	-4	-5	-5	-6	-6	-6	-6	-6	-5
	1000s	J	-1	-1	-1	-1	-1	0	0	0	0	0	0
Yield per Cow	pounds	Baseline	20,266	20,657	20,989	21,344	21,688	22,069	22,330	22,644	22,954	21,660	
	pounds	A	0	0	-1	-1	-1	-1	-1	-1	-1	-1	
	pounds	B	0	-1	-2	-3	-3	-3	-4	-4	-4	-4	
	pounds	C	0	2	5	7	8	9	9	10	11	7	
	pounds	D	0	3	5	6	6	7	7	8	8	5	
	pounds	E	0	0	0	-1	-1	-1	-1	-1	-1	-1	
	pounds	F	0	0	0	0	0	0	0	0	0	0	
	pounds	G	0	3	6	8	10	12	13	14	14	9	
	pounds	H	0	-10	-19	-25	-29	-33	-36	-39	-41	-41	-26
	pounds	I	0	-2	-4	-5	-6	-7	-7	-8	-8	-8	
	pounds	J	0	-1	-1	-1	-1	-1	-1	0	0	-1	
Milk Production	mil. pounds	Baseline	184,072	187,030	188,881	190,898	192,767	194,894	195,836	197,460	198,907	192,305	
	mil. pounds	A	-6	-12	-16	-19	-21	-23	-24	-25	-25	-19	
	mil. pounds	B	-18	-42	-61	-75	-85	-93	-99	-104	-107	-76	
	mil. pounds	C	44	112	162	194	217	234	244	254	262	191	
	mil. pounds	D	46	104	138	158	171	179	182	186	188	150	
	mil. pounds	E	-3	-7	-12	-16	-20	-22	-25	-27	-29	-18	
	mil. pounds	F	8	11	10	8	5	3	1	-3	-6	4	
	mil. pounds	G	57	139	205	253	288	315	334	348	359	255	
	mil. pounds	H	-188	-433	-606	-728	-818	-890	-940	-982	-1,017	-734	
	mil. pounds	I	-35	-81	-118	-145	-165	-181	-193	-201	-208	-147	
	mil. pounds	J	-11	-26	-32	-31	-24	-15	-6	2	7	-15	

Table continued on next page

Table A-2 Continued. Milk Production Variables

9 Yr. Avg.	Farm Use		Marketings										
	Units	Scenario	2007	2008	2009	2010	2011	2012	ZOIE	ZOIF	ZOIG	ZOIH	ZOIJ
400	Baseline	900	183,172	186,230	188,081	190,198	192,067	194,294	195,336	196,960	198,507	191,649	-19
			A	-12	-16	-19	-21	-23	-24	-25	-25	-19	-76
			B	-42	-61	-75	-85	-93	-99	-104	-107	191	-18
			C	112	162	194	217	244	244	254	262	150	4
			D	104	138	158	171	179	182	188	188	255	-147
			E	-7	-12	-16	-20	-22	-25	-27	-29	-734	-15
			F	11	10	8	5	3	1	-3	-6	255	-147
			G	57	139	253	288	315	334	348	359	255	-147
			H	-188	-433	-606	-818	-890	-940	-982	-1,017	-734	-147
			I	-35	-81	-118	-145	-181	-193	-201	-208	-147	-147
			J	-11	-26	-37	-51	-64	-76	-87	-97	-147	-147

Table A-3. Product Prices

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Cheddar cheese	\$/pound	Baseline	1.4700	1.4800	1.4500	1.4500	1.4700	1.4700	1.4600	1.4900	1.5000	1.4700	
	\$/pound	A	0.0015	0.0022	0.0024	0.0026	0.0027	0.0028	0.0029	0.0030	0.0030	0.0026	
	\$/pound	B	0.0008	0.0017	0.0024	0.0029	0.0033	0.0036	0.0037	0.0040	0.0041	0.0029	
	\$/pound	C	-0.0021	-0.0047	-0.0063	-0.0076	-0.0085	-0.0090	-0.0092	-0.0098	-0.0100	-0.0075	
	\$/pound	D	-0.0074	-0.0114	-0.0131	-0.0143	-0.0152	-0.0156	-0.0158	-0.0166	-0.0166	-0.0140	
	\$/pound	E	-0.0015	-0.0018	-0.0019	-0.0019	-0.0020	-0.0020	-0.0020	-0.0020	-0.0020	-0.0019	
	\$/pound	F	-0.0073	-0.0099	-0.0104	-0.0107	-0.0110	-0.0111	-0.0111	-0.0115	-0.0114	-0.0105	
	\$/pound	G	-0.0058	-0.0100	-0.0125	-0.0145	-0.0160	-0.0170	-0.0176	-0.0187	-0.0189	-0.0145	
	\$/pound	H	0.0096	0.0192	0.0246	0.0290	0.0323	0.0342	0.0353	0.0380	0.0387	0.0290	
	\$/pound	I	0.0016	0.0034	0.0046	0.0057	0.0064	0.0069	0.0072	0.0078	0.0079	0.0057	
	\$/pound	J	0.0014	0.0023	0.0023	0.0020	0.0014	0.0008	0.0003	-0.0001	-0.0005	0.0011	
Butter	\$/pound	Baseline	1.4000	1.4200	1.5200	1.5500	1.5900	1.6300	1.6400	1.6300	1.6900	1.5600	
	\$/pound	A	0.0066	0.0067	0.0067	0.0067	0.0067	0.0066	0.0066	0.0068	-0.0068	0.0066	0.0067
	\$/pound	B	0.0030	0.0056	0.0071	0.0079	0.0083	0.0084	0.0087	0.0088	0.0084	0.0074	
	\$/pound	C	-0.0076	-0.0153	-0.0190	-0.0204	-0.0209	-0.0209	-0.0211	-0.0214	-0.0204	-0.0185	
	\$/pound	D	-0.0323	-0.0356	-0.0368	-0.0372	-0.0372	-0.0369	-0.0369	-0.0374	-0.0364	-0.0363	
	\$/pound	E	-0.0069	-0.0056	-0.0053	-0.0050	-0.0049	-0.0048	-0.0048	-0.0048	-0.0049	-0.0052	
	\$/pound	F	-0.0335	-0.0303	-0.0280	-0.0273	-0.0267	-0.0262	-0.0265	-0.0267	-0.0258	-0.0279	
	\$/pound	G	-0.0241	-0.0317	-0.0364	-0.0388	-0.0400	-0.0404	-0.0415	-0.0418	-0.0402	-0.0372	
	\$/pound	H	0.0344	0.0603	0.0706	0.0757	0.0781	0.0788	0.0805	0.0826	0.0785	0.0710	
	\$/pound	I	0.0058	0.0105	0.0138	0.0153	0.0160	0.0163	0.0169	0.0171	0.0163	0.0142	
	\$/pound	J	0.0061	0.0071	0.0056	0.0041	0.0017	0.0001	-0.0012	-0.0019	-0.0022	0.0022	
Nonfat dry milk	\$/pound	Baseline	0.8900	0.8600	0.8300	0.8400	0.8400	0.8300	0.8300	0.8400	0.8500	0.8500	
	\$/pound	A	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
	\$/pound	B	0.0004	0.0004	0.0003	0.0004	0.0004	0.0004	0.0004	0.0005	0.0006	0.0004	
	\$/pound	C	-0.0011	-0.0010	-0.0008	-0.0011	-0.0011	-0.0011	-0.0010	-0.0012	-0.0015	-0.0011	
	\$/pound	D	-0.0014	-0.0011	-0.0007	-0.0009	-0.0009	-0.0009	-0.0008	-0.0009	-0.0011	-0.0010	
	\$/pound	E	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	
	\$/pound	F	-0.0006	-0.0003	-0.0002	-0.0001	-0.0001	-0.0001	0.0000	0.0000	0.0000	-0.0001	
	\$/pound	G	-0.0016	-0.0013	-0.0010	-0.0014	-0.0015	-0.0015	-0.0014	-0.0017	-0.0021	-0.0015	
	\$/pound	H	0.0055	0.0045	0.0032	0.0044	0.0046	0.0045	0.0043	0.0054	0.0066	0.0048	
	\$/pound	I	0.0008	0.0010	0.0006	0.0008	0.0009	0.0009	0.0008	0.0010	0.0013	0.0009	
	\$/pound	J	0.0003	0.0003	0.0002	0.0002	0.0001	0.0000	0.0000	-0.0001	-0.0001	0.0001	

Table continued on next page

Table A-3 Continued. Product Prices

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
Dry whey	\$/pound	Baseline	0.2500	0.2500	0.2500	0.2600	0.2800	0.2800	0.2900	0.3100	0.3100	0.2800
	\$/pound	A	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	\$/pound	B	0.0001	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0004
	\$/pound	C	-0.0003	-0.0007	-0.0010	-0.0011	-0.0012	-0.0012	-0.0011	-0.0012	-0.0011	-0.0010
	\$/pound	D	-0.0012	-0.0018	-0.0019	-0.0019	-0.0019	-0.0018	-0.0018	-0.0018	-0.0017	-0.0018
	\$/pound	E	-0.0002	-0.0003	-0.0003	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
	\$/pound	F	-0.0011	-0.0015	-0.0015	-0.0014	-0.0013	-0.0012	-0.0012	-0.0012	-0.0011	-0.0013
	\$/pound	G	-0.0009	-0.0015	-0.0018	-0.0020	-0.0022	-0.0021	-0.0021	-0.0022	-0.0020	-0.0019
	\$/pound	H	0.0016	0.0030	0.0037	0.0042	0.0044	0.0043	0.0043	0.0045	0.0043	0.0038
	\$/pound	I	0.0003	0.0005	0.0007	0.0008	0.0009	0.0009	0.0009	0.0009	0.0009	0.0008
	\$/pound	J	0.0002	0.0003	0.0003	0.0002	0.0001	0.0000	-0.0001	-0.0002	-0.0002	0.0001
Retail fluid milk ¹	\$/gallon	A	-0.0017	-0.0011	-0.0009	-0.0007	-0.0006	-0.0005	-0.0005	-0.0004	-0.0004	-0.0008
	\$/gallon	B	-0.0069	-0.0064	-0.0060	-0.0056	-0.0053	-0.0051	-0.0050	-0.0048	-0.0047	-0.0055
	\$/gallon	C	0.0200	0.0187	0.0151	0.0138	0.0128	0.0120	0.0113	0.0118	0.0111	0.0141
	\$/gallon	D	0.0155	0.0122	0.0081	0.0066	0.0056	0.0047	0.0040	0.0045	0.0036	0.0072
	\$/gallon	E	-0.0019	-0.0024	-0.0026	-0.0027	-0.0028	-0.0028	-0.0028	-0.0029	-0.0029	-0.0027
	\$/gallon	F	-0.0002	-0.0030	-0.0036	-0.0039	-0.0042	-0.0043	-0.0043	-0.0046	-0.0045	-0.0036
	\$/gallon	G	0.0236	0.0207	0.0190	0.0174	0.0162	0.0155	0.0151	0.0142	0.0139	0.0173
	\$/gallon	H	-0.1066	-0.1004	-0.0777	-0.0714	-0.0671	-0.0624	-0.0577	-0.0630	-0.0577	-0.0738
	\$/gallon	I	-0.0135	-0.0123	-0.0116	-0.0109	-0.0103	-0.0099	-0.0097	-0.0093	-0.0091	-0.0107
	\$/gallon	J	-0.0040	-0.0033	-0.0016	-0.0005	0.0009	0.0014	0.0016	0.0015	0.0013	-0.0003

¹ Retail fluid milk prices are not projected in the model. Projections are calculated by multiplying the Class I price per pound at test by 8.62 pounds of milk per gallon.

Table A-4. Federal Order Component Prices and Pricing Factors

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Butterfat	\$/pound	Baseline	1.5400	1.5600	1.6800	1.7200	1.7600	1.8100	1.8200	1.8100	1.8800	1.7300	
	\$/pound	A	0.0063	0.0064	0.0063	0.0064	0.0064	0.0063	0.0064	0.0065	0.0062	0.0063	
	\$/pound	B	0.0036	0.0067	0.0086	0.0095	0.0099	0.0101	0.0104	0.0105	0.0101	0.0088	
	\$/pound	C	-0.0091	-0.0183	-0.0227	-0.0244	-0.0251	-0.0251	-0.0253	-0.0257	-0.0245	-0.0223	
	\$/pound	D	-0.0138	-0.0175	-0.0169	-0.0168	-0.0160	-0.0148	-0.0146	-0.0153	-0.0130	-0.0154	
	\$/pound	E	0.0058	0.0075	0.0090	0.0097	0.0102	0.0107	0.0109	0.0108	0.0114	0.0095	
	\$/pound	F	-0.0182	-0.0143	-0.0117	-0.0108	-0.0101	-0.0095	-0.0098	-0.0101	-0.0090	-0.0115	
	\$/pound	G	-0.0176	-0.0267	-0.0324	-0.0353	-0.0367	-0.0373	-0.0385	-0.0389	-0.0370	-0.0334	
	\$/pound	I	0.0069	0.0127	0.0166	0.0183	0.0192	0.0196	0.0203	0.0205	0.0196	0.0171	
	\$/pound	J	0.0055	0.0066	0.0052	0.0037	0.0013	-0.0003	-0.0017	-0.0023	-0.0028	0.0017	
	Separate Butterfat Prices												
\$/pound		H	0.5263	0.5421	0.3757	0.3497	0.3278	0.2926	0.2610	0.3217	0.2679	0.3628	
Class III Butterfat	\$/pound	H	0.0413	0.0724	0.0847	0.0908	0.0937	0.0945	0.0966	0.0991	0.0941	0.0853	
Protein	\$/pound	Baseline	2.5800	2.6000	2.3700	2.3300	2.3300	2.2900	2.2400	2.3400	2.3000	2.3800	
	\$/pound	A	-0.0112	-0.0091	-0.0083	-0.0077	-0.0072	-0.0069	-0.0069	-0.0066	-0.0063	-0.0078	
	\$/pound	B	-0.0292	-0.0296	-0.0294	-0.0286	-0.0278	-0.0272	-0.0270	-0.0263	-0.0255	-0.0278	
	\$/pound	C	0.0833	0.0853	0.0750	0.0712	0.0683	0.0651	0.0624	0.0647	0.0609	0.0707	
	\$/pound	D	0.0707	0.0619	0.0461	0.0404	0.0359	0.0315	0.0287	0.0309	0.0259	0.0413	
	\$/pound	E	-0.0108	-0.0138	-0.0157	-0.0164	-0.0171	-0.0176	-0.0177	-0.0178	-0.0184	-0.0161	
	\$/pound	F	0.0137	0.0013	-0.0030	-0.0051	-0.0066	-0.0075	-0.0073	-0.0083	-0.0091	-0.0036	
	\$/pound	G	0.0141	0.0102	0.0081	0.0046	0.0012	-0.0013	-0.0019	-0.0050	-0.0077	0.0025	
	\$/pound	H	-0.7647	-0.7544	-0.5570	-0.5163	-0.4858	-0.4439	-0.4047	-0.4660	-0.4092	-0.5335	
	\$/pound	I	-0.0567	-0.0567	-0.0570	-0.0555	-0.0540	-0.0528	-0.0525	-0.0510	-0.0496	-0.0540	
	\$/pound	J	-0.0086	-0.0067	-0.0030	-0.0004	0.0029	0.0039	0.0046	0.0042	0.0037	0.0001	
	Nonfat Solids	\$/pound	Baseline	0.7300	0.7000	0.6700	0.6700	0.6700	0.6700	0.6700	0.6800	0.6900	0.6800
		\$/pound	A	-0.0089	-0.0090	-0.0090	-0.0090	-0.0090	-0.0090	-0.0090	-0.0090	-0.0090	-0.0090
\$/pound		B	0.0004	0.0004	0.0003	0.0004	0.0004	0.0004	0.0004	0.0005	0.0006	0.0004	
\$/pound		C	-0.0011	-0.0010	-0.0008	-0.0010	-0.0011	-0.0011	-0.0010	-0.0010	-0.0012	-0.0015	
\$/pound		D	0.0206	0.0201	0.0195	0.0195	0.0194	0.0194	0.0194	0.0196	0.0197	0.0197	
\$/pound		E	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	
\$/pound		F	0.0387	0.0390	0.0392	0.0392	0.0392	0.0392	0.0393	0.0393	0.0393	0.0392	
\$/pound		G	0.0143	0.0145	0.0148	0.0144	0.0144	0.0144	0.0145	0.0142	0.0138	0.0144	
\$/pound		H	0.0054	0.0044	0.0032	0.0044	0.0046	0.0045	0.0042	0.0053	0.0066	0.0047	
\$/pound		I	0.0008	0.0010	0.0006	0.0008	0.0009	0.0009	0.0008	0.0010	0.0012	0.0009	
\$/pound		J	-0.0058	-0.0057	-0.0035	-0.0019	0.0002	0.0011	0.0019	0.0019	0.0021	-0.0011	

Table continued on next page

Table A-4 Continued. Federal Order Component Prices and Pricing Factors

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Other Solids	\$/pound	Baseline	0.0600	0.0600	0.0600	0.0700	0.0800	0.0900	0.1000	0.1200	0.1200	0.0800	
	\$/pound	A	0.0002	0.0003	0.0004	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	
	\$/pound	B	0.0001	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0004	
	\$/pound	C	-0.0003	-0.0007	-0.0010	-0.0011	-0.0012	-0.0012	-0.0012	-0.0012	-0.0012	-0.0011	-0.0010
	\$/pound	D	-0.0012	-0.0018	-0.0020	-0.0020	-0.0020	-0.0019	-0.0019	-0.0019	-0.0019	-0.0017	-0.0018
	\$/pound	E	-0.0002	-0.0003	-0.0003	-0.0003	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
	\$/pound	F	-0.0012	-0.0016	-0.0015	-0.0014	-0.0013	-0.0013	-0.0013	-0.0012	-0.0012	-0.0011	-0.0013
	\$/pound	G	0.0462	0.0456	0.0453	0.0451	0.0450	0.0450	0.0450	0.0450	0.0449	0.0451	0.0452
	\$/pound	H	0.0016	0.0031	0.0038	0.0043	0.0045	0.0045	0.0045	0.0045	0.0047	0.0044	0.0039
	\$/pound	I	0.0003	0.0006	0.0007	0.0008	0.0009	0.0009	0.0009	0.0009	0.0010	0.0009	0.0008
	\$/pound	J	-0.0055	-0.0054	-0.0035	-0.0021	-0.0001	0.0008	0.0015	0.0016	0.0016	0.0017	-0.0012
Class I Skim	\$/cwt	Baseline	11.06	11.10	10.38	10.35	10.41	10.35	10.24	10.68	10.54	10.57	
	\$/cwt	A	-0.03	-0.03	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	
	\$/cwt	B	-0.09	-0.09	-0.09	-0.09	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	
	\$/cwt	C	0.26	0.26	0.23	0.21	0.20	0.19	0.19	0.19	0.18	0.21	
	\$/cwt	D	0.21	0.18	0.13	0.11	0.10	0.09	0.08	0.08	0.07	0.12	
	\$/cwt	E	-0.03	-0.04	-0.05	-0.05	-0.05	-0.06	-0.06	-0.06	-0.06	-0.06	
	\$/cwt	F	0.04	-0.01	-0.02	-0.02	-0.03	-0.03*	-0.03	-0.03	-0.03	-0.03	
	\$/cwt	G	0.32	0.30	0.29	0.28	0.27	0.26	0.26	0.25	0.24	0.27	
	\$/cwt	H	-2.36	-2.32	-1.70	-1.58	-1.48	-1.35	-1.23	-1.42	-1.24	-1.63	
	\$/cwt	I	-0.17	-0.17	-0.17	-0.17	-0.16	-0.16	-0.16	-0.15	-0.15	-0.16	
	\$/cwt	J	-0.06	-0.05	-0.03	-0.01	0.01	0.02	0.02	0.02	0.02	-0.01	
Class II Skim	\$/cwt	Baseline	7.25	6.98	6.71	6.77	6.74	6.72	6.69	6.78	6.88	6.84	
	\$/cwt	A	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	
	\$/cwt	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	
	\$/cwt	C	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	
	\$/cwt	D	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.18	0.18	
	\$/cwt	E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	\$/cwt	F	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	
	\$/cwt	G	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	
	\$/cwt	H	0.05	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.06	
	\$/cwt	I	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
	\$/cwt	J	-0.05	-0.05	-0.03	-0.02	0.00	0.01	0.02	0.02	0.02	-0.01	

Table continued on next page

Table A-4 Continued. Federal Order Component Prices and Pricing Factors

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
Class III Skim	\$/cwt	Baseline	8.35	8.39	7.67	7.64	7.70	7.64	7.53	7.97	7.83	7.86
	\$/cwt	A	-0.03	-0.03	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
	\$/cwt	B	-0.09	-0.09	-0.09	-0.09	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08
	\$/cwt	C	0.26	0.26	0.23	0.21	0.20	0.19	0.19	0.19	0.18	0.21
	\$/cwt	D	0.21	0.18	0.13	0.11	0.10	0.09	0.08	0.08	0.07	0.12
	\$/cwt	E	-0.03	-0.04	-0.05	-0.05	-0.05	-0.06	-0.06	-0.06	-0.06	-0.06
	\$/cwt	F	0.04	-0.01	-0.02	-0.02	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
	\$/cwt	G	0.32	0.30	0.29	0.28	0.27	0.26	0.26	0.25	0.24	0.27
	\$/cwt	H	-2.36	-2.32	-1.70	-1.58	-1.48	-1.35	-1.23	-1.42	-1.24	-1.63
	\$/cwt	I	-0.17	-0.17	-0.17	-0.17	-0.16	-0.16	-0.16	-0.15	-0.15	-0.16
	\$/cwt	J	-0.06	-0.05	-0.03	-0.01	0.01	0.02	0.02	0.02	0.02	-0.01
Class IV Skim	\$/cwt	Baseline	6.55	6.28	6.01	6.07	6.04	6.02	5.99	6.08	6.18	6.14
	\$/cwt	A	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08
	\$/cwt	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
	\$/cwt	C	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
	\$/cwt	D	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.18	0.18	0.18
	\$/cwt	E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$/cwt	F	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
	\$/cwt	G	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13
	\$/cwt	H	0.05	0.04	0.03	0.04	0.04	0.04	0.04	0.05	0.06	0.04
	\$/cwt	I	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	\$/cwt	J	-0.05	-0.05	-0.03	-0.02	0.00	0.01	0.02	0.02	0.02	-0.01

Table A-5. Federal Order Milk Prices at 3.5 Percent Butterfat

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Class I	\$/cwt.	Baseline	16.15	16.25	15.99	16.09	16.31	16.42	16.36	16.74	16.86	16.35	
	\$/cwt.	A	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	
	\$/cwt.	B	-0.07	-0.06	-0.06	-0.05	-0.05	-0.04	-0.04	-0.04	-0.04	-0.04	-0.05
	\$/cwt.	C	0.22	0.19	0.14	0.12	0.11	0.10	0.09	0.10	0.09	0.09	0.13
	\$/cwt.	D	0.16	0.11	0.07	0.05	0.04	0.03	0.02	0.03	0.02	0.02	0.06
	\$/cwt.	E	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
	\$/cwt.	F	-0.03	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.07	-0.06	-0.06
	\$/cwt.	G	0.24	0.20	0.17	0.15	0.13	0.12	0.12	0.12	0.10	0.10	0.15
	\$/cwt.	H	-0.44	-0.34	-0.33	-0.30	-0.28	-0.28	-0.27	-0.27	-0.24	-0.26	-0.30
	\$/cwt.	I	-0.14	-0.12	-0.11	-0.10	-0.09	-0.08	-0.08	-0.08	-0.08	-0.07	-0.10
	\$/cwt.	J	-0.04	-0.03	-0.01	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.00
Class II	\$/cwt.	Baseline	12.40	12.20	12.38	12.56	12.71	12.84	12.86	12.92	13.26	12.68	
	\$/cwt.	A	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06
	\$/cwt.	B	0.02	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
	\$/cwt.	C	-0.04	-0.07	-0.09	-0.09	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.09
	\$/cwt.	D	0.13	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.12
	\$/cwt.	E	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03
	\$/cwt.	F	0.27	0.29	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.30
	\$/cwt.	G	0.06	0.03	0.02	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.01
	\$/cwt.	H	0.19	0.29	0.32	0.36	0.37	0.37	0.37	0.37	0.39	0.39	0.34
	\$/cwt.	I	0.03	0.05	0.06	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.07
	\$/cwt.	J	-0.03	-0.03	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00
Class III	\$/cwt.	Baseline	13.44	13.54	13.28	13.38	13.60	13.71	13.65	14.03	14.15	13.64	
	\$/cwt.	A	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	
	\$/cwt.	B	-0.07	-0.06	-0.06	-0.05	-0.05	-0.04	-0.04	-0.04	-0.04	-0.04	-0.05
	\$/cwt.	C	0.22	0.19	0.14	0.12	0.11	0.10	0.09	0.10	0.09	0.09	0.13
	\$/cwt.	D	0.16	0.11	0.07	0.05	0.04	0.03	0.02	0.03	0.02	0.02	0.06
	\$/cwt.	E	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
	\$/cwt.	F	-0.03	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.07	-0.06	-0.06
	\$/cwt.	G	0.24	0.20	0.17	0.15	0.13	0.12	0.12	0.12	0.10	0.10	0.15
	\$/cwt.	H	-0.44	-0.34	-0.33	-0.30	-0.28	-0.28	-0.27	-0.27	-0.24	-0.26	-0.30
	\$/cwt.	I	-0.14	-0.12	-0.11	-0.10	-0.09	-0.08	-0.08	-0.08	-0.08	-0.07	-0.10
	\$/cwt.	J	-0.04	-0.03	-0.01	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.00

Table continued on next page

Table A-6. Average Class Butterfat Test

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
Class I	percent	Baseline	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04
	percent	A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	G	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Class II	percent	Baseline	8.19	8.18	8.18	8.17	8.17	8.16	8.14	8.13	8.12	8.16
	percent	A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	G	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Class III	percent	Baseline	3.49	3.48	3.48	3.48	3.48	3.48	3.48	3.49	3.49	3.48
	percent	A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	G	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	percent	J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table continued on next page.

Table A-7. Federal Order Milk Prices at Test

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Class I	\$/cwt.	Baseline	14.04	14.10	13.65	13.70	13.85	13.90	13.81	14.22	14.23	13.95	
	\$/cwt.	A	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	
	\$/cwt.	B	-0.08	-0.07	-0.07	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.05	-0.06
	\$/cwt.	C	0.23	0.22	0.18	0.16	0.15	0.14	0.13	0.14	0.14	0.13	0.16
	\$/cwt.	D	0.18	0.14	0.09	0.08	0.06	0.05	0.05	0.05	0.05	0.04	0.08
	\$/cwt.	E	-0.02	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
	\$/cwt.	F	0.00	-0.03	-0.04	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.04
	\$/cwt.	G	0.27	0.24	0.22	0.20	0.19	0.18	0.18	0.16	0.16	0.16	0.20
	\$/cwt.	H	-1.24	-1.16	-0.90	-0.83	-0.78	-0.72	-0.67	-0.73	-0.73	-0.67	-0.86
	\$/cwt.	I	-0.16	-0.14	-0.13	-0.13	-0.12	-0.11	-0.11	-0.11	-0.11	-0.11	-0.12
	\$/cwt.	J	-0.05	-0.04	-0.02	-0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.00
Class II	\$/cwt.	Baseline	19.30	19.19	19.96	20.30	20.65	21.00	21.04	21.03	21.68	20.46	
	\$/cwt.	A	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
	\$/cwt.	B	0.03	0.06	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.08
	\$/cwt.	C	-0.09	-0.16	-0.19	-0.21	-0.21	-0.21	-0.21	-0.21	-0.22	-0.21	-0.19
	\$/cwt.	D	0.06	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.04	0.06	0.04
	\$/cwt.	E	0.05	0.06	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.08
	\$/cwt.	F	0.17	0.21	0.23	0.24	0.24	0.25	0.24	0.24	0.24	0.25	0.23
	\$/cwt.	G	-0.03	-0.10	-0.14	-0.17	-0.18	-0.19	-0.19	-0.20	-0.20	-0.19	-0.15
	\$/cwt.	H	0.39	0.64	0.73	0.78	0.81	0.81	0.82	0.85	0.85	0.81	0.74
	\$/cwt.	I	0.06	0.11	0.14	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.15
	\$/cwt.	J	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01	0.00
Class III	\$/cwt.	Baseline	13.42	13.51	13.24	13.34	13.56	13.68	13.62	14.02	14.14	13.61	
	\$/cwt.	A	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$/cwt.	B	-0.07	-0.06	-0.06	-0.05	-0.05	-0.04	-0.04	-0.04	-0.04	-0.04	-0.05
	\$/cwt.	C	0.22	0.19	0.14	0.12	0.11	0.10	0.09	0.10	0.09	0.09	0.13
	\$/cwt.	D	0.16	0.12	0.07	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.06
	\$/cwt.	E	-0.01	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
	\$/cwt.	F	-0.03	-0.05	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06
	\$/cwt.	G	0.25	0.20	0.17	0.15	0.14	0.13	0.12	0.11	0.11	0.11	0.15
	\$/cwt.	H	-0.45	-0.36	-0.35	-0.31	-0.30	-0.29	-0.28	-0.25	-0.25	-0.27	-0.32
	\$/cwt.	I	-0.14	-0.12	-0.11	-0.10	-0.09	-0.09	-0.08	-0.08	-0.08	-0.08	-0.10
	\$/cwt.	J	-0.04	-0.03	-0.01	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.00

Table continued on next page

Table A-7 Continued. Federal Order Milk Prices at Test

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Class IV		Baseline	13.19	12.96	13.29	13.45	13.56	13.67	13.61	13.51	13.80	13.45	
		A	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
		B	0.02	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05
		C	-0.06	-0.11	-0.14	-0.15	-0.15	-0.15	-0.15	-0.15	-0.16	-0.15	-0.14
		D	0.10	0.08	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.09
		E	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.05
		F	0.25	0.27	0.29	0.30	0.30	0.31	0.31	0.31	0.31	0.32	0.30
		G	0.03	-0.02	-0.05	-0.07	-0.08	-0.08	-0.08	-0.09	-0.09	-0.08	-0.06
		H	0.30	0.46	0.53	0.58	0.60	0.60	0.60	0.61	0.62	0.60	0.55
		I	0.05	0.08	0.10	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.11
		J	-0.02	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
	Uniform		Baseline	14.41	14.42	14.29	14.41	14.61	14.73	14.69	14.98	15.16	14.63
		A	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
		B	-0.05	-0.04	-0.03	-0.03	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.03
		C	0.15	0.12	0.08	0.06	0.05	0.04	0.04	0.04	0.04	0.03	0.07
		D	0.15	0.11	0.07	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.07
		E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		F	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03
		G	0.19	0.15	0.12	0.10	0.09	0.08	0.07	0.07	0.06	0.06	0.10
		H	-0.54	-0.43	-0.31	-0.25	-0.22	-0.20	-0.20	-0.17	-0.17	-0.16	-0.27
		I	-0.10	-0.08	-0.06	-0.05	-0.04	-0.04	-0.04	-0.04	-0.03	-0.03	-0.05
		J	-0.03	-0.03	-0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00

Table A-8. Federal Order Marketings

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Class I	mil. pounds	Baseline	45,748	45,905	45,865	45,890	45,895	46,030	45,926	45,886	45,883	45,892	
	mil. pounds	A	2	1	1	1	1	1	1	0	0	1	
	mil. pounds	B	9	8	8	7	7	6	6	6	5	7	
	mil. pounds	C	-26	-24	-19	-17	-16	-15	-14	-14	-14	-13	-18
	mil. pounds	D	-20	-16	-10	-8	-7	-6	-5	-5	-5	-4	-9
	mil. pounds	E	3	3	3	3	3	3	3	3	3	3	3
	mil. pounds	F	0	4	5	5	5	5	5	5	5	5	4
	mil. pounds	G	-31	-27	-24	-22	-20	-19	-18	-18	-17	-16	-22
	mil. pounds	H	141	131	99	90	83	76	69	74	74	67	92
	mil. pounds	I	18	16	15	14	13	12	12	12	11	11	13
	mil. pounds	J	5	4	2	1	-1	-2	-2	-2	-2	-2	0
Class II	mil. pounds	Baseline	16,719	16,984	17,026	17,192	17,375	17,611	17,826	18,116	18,322	17,464	
	mil. pounds	A	4	5	5	5	5	5	5	5	6	5	
	mil. pounds	B	-6	-12	-15	-17	-18	-19	-20	-20	-21	-21	-17
	mil. pounds	C	16	32	39	44	47	48	50	52	52	42	
	mil. pounds	D	-11	-5	-5	-5	-7	-9	-9	-9	-9	-13	-8
	mil. pounds	E	-9	-12	-15	-17	-18	-20	-21	-21	-21	-22	-17
	mil. pounds	F	-33	-42	-47	-51	-54	-56	-57	-59	-59	-61	-51
	mil. pounds	G	5	19	28	35	39	41	44	46	46	45	34
	mil. pounds	H	-74	-126	-147	-164	-175	-182	-189	-189	-199	-198	-162
	mil. pounds	I	-12	-22	-29	-33	-35	-37	-39	-39	-41	-41	-32
	mil. pounds	J	1	-1	-3	-3	-3	-2	-1	0	1	1	-1
Class III	mil. pounds	Baseline	47,803	48,975	49,907	50,657	51,305	52,049	52,608	53,136	53,656	51,122	
	mil. pounds	A	-2	-3	-5	-6	-7	-7	-8	-9	-9	-9	-6
	mil. pounds	B	-2	-3	-5	-7	-8	-9	-11	-12	-12	-13	-8
	mil. pounds	C	4	9	13	17	21	24	27	30	30	32	20
	mil. pounds	D	11	19	26	32	37	41	45	48	48	51	34
	mil. pounds	E	2	3	3	4	4	5	5	5	5	5	4
	mil. pounds	F	9	15	19	23	26	29	31	32	32	34	24
	mil. pounds	G	9	18	25	32	39	44	49	54	54	59	37
	mil. pounds	H	-20	-38	-52	-68	-82	-94	-104	-116	-116	-127	-78
	mil. pounds	I	-3	-7	-10	-13	-16	-19	-21	-21	-23	-25	-15
	mil. pounds	J	-2	-4	-5	-5	-5	-4	-3	-2	-2	-1	-4

Table continued on next page

Table A-8 Continued. Federal Order Marketings

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
Class IV	mil. pounds	Baseline	14,628	14,920	15,029	15,397	15,721	16,021	15,955	16,215	16,488	15,597
	mil. pounds	A	-7	-9	-10	-11	-11	-12	-11	-11	-11	-10
	mil. pounds	B	-13	-22	-30	-35	-39	-42	-43	-44	-45	-35
	mil. pounds	C	34	61	79	91	98	103	105	107	108	87
	mil. pounds	D	44	65	76	80	82	83	80	78	78	74
	mil. pounds	E	1	-1	-3	-5	-7	-8	-10	-11	-12	-6
	mil. pounds	F	20	19	17	13	10	7	4	0	-1	10
	mil. pounds	G	50	81	107	124	135	143	147	148	150	121
	mil. pounds	H	-162	-257	-314	-356	-387	-410	-419	-430	-436	-352
	mil. pounds	I	-25	-42	-58	-68	-75	-81	-84	-85	-87	-67
	mil. pounds	J	-10	-15	-16	-13	-7	-2	3	5	7	-5
	Total	mil. pounds	Baseline	124,898	126,785	127,827	129,137	130,297	131,711	132,316	133,352	134,350
mil. pounds		A	-2	-6	-9	-11	-12	-13	-13	-14	-14	-10
mil. pounds		B	-11	-29	-42	-52	-59	-64	-68	-71	-73	-52
mil. pounds		C	28	77	112	135	150	161	168	175	179	132
mil. pounds		D	23	63	86	98	105	110	111	112	113	91
mil. pounds		E	-4	-8	-12	-15	-18	-20	-22	-24	-25	-16
mil. pounds		F	-4	-4	-7	-10	-13	-15	-18	-21	-23	-13
mil. pounds		G	33	90	136	169	192	209	222	231	238	169
mil. pounds		H	-115	-290	-415	-499	-561	-610	-644	-671	-693	-500
mil. pounds		I	-22	-56	-81	-100	-114	-125	-133	-139	-143	-101
mil. pounds		J	-6	-16	-21	-20	-16	-10	-4	1	5	-10

Table A-9. Federal Order Cash Receipts

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Class I	mil. \$	Baseline	6,421	6,474	6,262	6,286	6,358	6,398	6,344	6,525	6,530	6,400	
	mil. \$	A	-9	-6	-4	-4	-3	-3	-3	-2	-2	-4	
	mil. \$	B	-36	-33	-31	-29	-27	-26	-26	-25	-24	-28	
	mil. \$	C	102	96	78	71	66	62	58	61	57	72	
	mil. \$	D	79	63	42	34	29	24	21	23	19	37	
	mil. \$	E	-10	-13	-14	-14	-14	-15	-15	-15	-15	-15	-14
	mil. \$	F	-1	-15	-19	-20	-22	-22	-22	-24	-23	-19	
	mil. \$	G	121	106	98	90	84	80	78	73	72	89	
	mil. \$	H	-548	-518	-401	-369	-347	-323	-298	-325	-298	-381	
	mil. \$	I	-69	-63	-60	-56	-53	-51	-50	-48	-47	-55	
	mil. \$	J	-21	-17	-8	-3	5	7	8	8	7	-2	
Class II	mil. \$	Baseline	3,227	3,259	3,398	3,489	3,588	3,697	3,751	3,810	3,972	3,577	
	mil. \$	A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	
	mil. \$	B	4	8	10	11	11	11	11	12	11	10	
	mil. \$	C	-11	-21	-25	-27	-28	-28	-28	-29	-27	-25	
	mil. \$	D	8	3	3	3	4	5	5	5	8	5	
	mil. \$	E	6	8	10	10	11	11	12	12	12	10	
	mil. \$	F	22	27	30	30	31	32	31	31	33	30	
	mil. \$	G	-3	-13	-19	-22	-24	-24	-26	-26	-24	-20	
	mil. \$	H	50	83	93	100	103	103	105	110	105	95	
	mil. \$	I	8	15	18	20	21	22	22	23	22	19	
	mil. \$	J	0	1	2	2	2	1	0	-1	-1	1	
Class III	mil. \$	Baseline	6,416	6,618	6,609	6,756	6,959	7,121	7,164	7,448	7,588	6,964	
	mil. \$	A	-5	-2	-1	-1	0	0	0	1	1	-1	
	mil. \$	B	-36	-32	-29	-27	-25	-24	-24	-23	-23	-27	
	mil. \$	C	104	93	72	65	60	57	53	57	54	68	
	mil. \$	D	77	60	39	32	28	24	21	24	21	36	
	mil. \$	E	-6	-8	-8	-8	-8	-8	-8	-8	-8	-8	
	mil. \$	F	-12	-24	-25	-26	-27	-27	-28	-30	-29	-25	
	mil. \$	G	119	100	89	81	75	72	70	65	66	82	
	mil. \$	H	-216	-180	-179	-167	-163	-165	-164	-150	-163	-172	
	mil. \$	I	-69	-61	-56	-52	-49	-47	-46	-44	-44	-52	
	mil. \$	J	-19	-14	-6	-1	6	7	8	7	6	-1	

Table continued on next page.

Table A-9 Continued. Federal Order Cash Receipts

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
Class IV	mil. \$	Baseline	1,929	1,933	1,997	2,071	2,133	2,190	2,172	2,191	2,276	2,099
	mil. \$	A	-8	-8	-8	-9	-9	-9	-9	-9	-10	-9
	mil. \$	B	2	3	4	4	4	4	4	4	4	4
	mil. \$	C	-5	-9	-10	-11	-11	-11	-10	-11	-10	-10
	mil. \$	D	21	20	21	22	23	25	25	25	28	23
	mil. \$	E	4	5	6	7	7	8	7	7	8	7
	mil. \$	F	39	43	46	47	49	50	50	50	52	47
	mil. \$	G	11	8	6	5	6	6	6	6	8	7
	mil. \$	H	22	34	37	39	40	38	37	40	36	36
	mil. \$	I	4	7	7	8	8	8	8	9	8	7
	mil. \$	J	-5	-4	-2	-1	1	1	2	2	2	-1
Total	mil. \$	Baseline	17,993	18,284	18,265	18,603	19,038	19,406	19,431	19,974	20,366	19,040
	mil. \$	A	-25	-19	-17	-16	-15	-15	-14	-13	-14	-16
	mil. \$	B	-65	-54	-46	-41	-37	-35	-34	-31	-32	-42
	mil. \$	C	190	160	115	97	88	81	73	78	73	106
	mil. \$	D	185	145	104	91	83	79	72	76	75	101
	mil. \$	E	-5	-7	-6	-5	-4	-3	-3	-4	-3	-4
	mil. \$	F	49	32	32	31	31	32	32	28	33	33
	mil. \$	G	247	201	174	154	140	134	129	118	121	158
	mil. \$	H	-692	-580	-450	-396	-367	-347	-319	-326	-320	-422
	mil. \$	I	-126	-103	-90	-79	-72	-69	-66	-60	-61	-81
	mil. \$	J	-44	-35	-15	-3	13	17	18	16	13	-2

Table A-10. U.S. Class Use

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.	
Class I	mil. pounds	Baseline	55,519	55,710	55,662	55,692	55,698	55,862	55,735	55,687	55,684	55,694	
	mil. pounds	A	3	2	1	1	1	1	1	1	1	1	
	mil. pounds	B	11	10	9	9	8	8	7	7	7	8	
	mil. pounds	C	-32	-30	-24	-21	-19	-18	-16	-17	-16	-21	
	mil. pounds	D	-25	-19	-13	-10	-8	-7	-6	-6	-5	-11	
	mil. pounds	E	3	4	4	4	4	4	4	4	4	4	
	mil. pounds	F	0	5	5	6	6	6	6	6	6	5	
	mil. pounds	G	-38	-33	-29	-27	-24	-23	-22	-20	-20	-20	-26
	mil. pounds	H	171	159	120	109	101	92	84	90	81	112	
	mil. pounds	I	22	20	18	17	15	15	14	13	13	16	
	mil. pounds	J	7	5	3	1	-1	-2	-2	-2	-2	1	
Class II	mil. pounds	Baseline	19,555	19,865	19,913	20,108	20,322	20,597	20,849	21,188	21,430	20,425	
	mil. pounds	A	5	5	6	6	6	6	6	6	7	6	
	mil. pounds	B	-7	-14	-17	-20	-21	-23	-24	-25	-25	-19	
	mil. pounds	C	19	37	46	51	55	57	58	61	60	49	
	mil. pounds	D	-13	-6	-6	-6	-8	-10	-11	-10	-15	-10	
	mil. pounds	E	-11	-14	-18	-20	-22	-23	-24	-25	-26	-20	
	mil. pounds	F	-39	-49	-56	-59	-63	-66	-67	-69	-72	-60	
	mil. pounds	G	6	23	33	41	45	48	51	54	52	39	
	mil. pounds	H	-87	-147	-172	-192	-205	-213	-221	-233	-231	-189	
	mil. pounds	I	-14	-26	-33	-38	-42	-44	-46	-48	-48	-38	
	mil. pounds	J	1	-2	-3	-3	-3	-2	-1	0	1	-1	
Class III	mil. pounds	Baseline	87,072	89,208	90,906	92,271	93,452	94,808	95,826	96,786	97,735	93,118	
	mil. pounds	A	-4	-6	-8	-10	-12	-13	-15	-16	-16	-11	
	mil. pounds	B	-3	-6	-9	-12	-15	-17	-19	-22	-24	-14	
	mil. pounds	C	8	16	24	31	38	44	49	54	59	36	
	mil. pounds	D	19	35	47	58	67	75	82	88	93	63	
	mil. pounds	E	3	5	6	7	8	9	9	10	10	7	
	mil. pounds	F	17	28	35	42	47	52	56	59	61	44	
	mil. pounds	G	17	32	45	58	70	81	90	99	107	67	
	mil. pounds	H	-36	-70	-95	-124	-150	-172	-190	-211	-230	-142	
	mil. pounds	I	-6	-13	-18	-24	-29	-34	-38	-42	-46	-28	
	mil. pounds	J	-4	-7	-9	-9	-9	-8	-6	-4	-2	-6	

Table continued on next page

Table A-10 Continued. U.S. Class Use

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
Class IV	mil. pounds	Baseline	21,355	21,782	21,940	22,477	22,951	23,389	23,292	23,671	24,070	22,770
	mil. pounds	A	-10	-13	-15	-16	-16	-17	-17	-16	-16	-15
	mil. pounds	B	-19	-32	-44	-52	-57	-61	-63	-64	-65	-51
	mil. pounds	C	50	89	116	132	143	151	153	156	158	128
	mil. pounds	D	64	94	110	117	120	121	117	114	115	108
	mil. pounds	E	2	-2	-5	-8	-10	-12	-14	-16	-17	-9
	mil. pounds	F	29	27	24	19	14	11	6	0	-1	14
	mil. pounds	G	73	118	157	181	197	209	215	216	219	176
	mil. pounds	H	-236	-375	-459	-520	-564	-598	-612	-628	-637	-514
	mil. pounds	I	-36	-62	-85	-100	-110	-118	-123	-125	-127	-98
	mil. pounds	J	-15	-22	-23	-19	-10	-3	4	8	11	-8
	Total U.S. Class Use	mil. pounds	Baseline	183,501	186,565	188,421	190,549	192,423	194,655	195,703	197,332	198,918
mil. pounds		A	-6	-12	-16	-19	-21	-23	-24	-25	-25	-19
mil. pounds		B	-18	-42	-61	-75	-85	-93	-99	-104	-107	-76
mil. pounds		C	44	112	162	194	217	234	244	254	262	191
mil. pounds		D	46	104	138	158	171	179	182	186	188	150
mil. pounds		E	-3	-7	-12	-16	-20	-22	-25	-27	-29	-18
mil. pounds		F	8	11	10	8	5	3	1	-3	-6	4
mil. pounds		G	57	139	205	253	288	315	334	348	359	255
mil. pounds		H	-188	-433	-606	-728	-818	-890	-940	-982	-1,017	-734
mil. pounds		I	-35	-81	-118	-145	-165	-181	-193	-201	-208	-147
mil. pounds		J	-11	-26	-32	-31	-24	-15	-6	2	7	-15

¹ U.S. class use differs from U.S. marketings due to the presence of imported dairy ingredients.

Table A-11. Domestic Commercial Disappearance

Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
American Cheese	Baseline	3,897	3,998	4,062	4,119	4,178	4,243	4,291	4,352	4,400	4,171
	A	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
	B	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
	C	1	2	2	3	3	3	3	4	4	3
	D	2	4	4	5	5	6	6	6	6	5
	E	0	1	1	1	1	1	1	1	1	1
	F	2	3	4	4	4	4	4	4	4	4
	G	2	3	4	5	6	6	6	7	7	5
	H	-3	-6	-8	-10	-11	-12	-13	-13	-14	-10
	I	-1	-1	-2	-2	-2	-2	-3	-3	-3	-2
	J	0	-1	-1	-1	0	0	0	0	0	0
Other Cheese	Baseline	5,830	5,969	6,084	6,188	6,275	6,388	6,472	6,562	6,654	6,269
	A	0	-1	-1	-1	-1	-1	-1	-2	-2	-1
	B	0	-1	-1	-1	-1	-2	-2	-2	-2	-1
	C	1	2	2	3	4	4	5	5	5	3
	D	2	4	5	6	7	8	8	9	9	7
	E	0	1	1	1	1	1	1	1	1	1
	F	2	3	4	5	5	6	6	6	6	5
	G	2	3	5	6	7	8	9	10	10	7
	H	-3	-6	-9	-12	-14	-16	-18	-20	-21	-13
	I	0	-1	-2	-2	-3	-3	-4	-4	-4	-3
	J	0	-1	-1	-1	-1	-1	-1	0	0	-1
Butter	Baseline	1,364	1,379	1,399	1,423	1,441	1,457	1,442	1,438	1,449	1,421
	A	0	0	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0	0	0
	C	0	1	1	1	1	1	1	1	1	1
	D	1	1	2	2	2	2	2	2	2	2
	E	0	0	0	0	0	0	0	0	0	0
	F	1	1	1	1	1	1	1	1	1	1
	G	1	1	2	2	2	2	2	2	2	2
	H	-1	-2	-3	-3	-4	-4	-4	-4	-4	-3
	I	0	0	-1	-1	-1	-1	-1	-1	-1	-1
	J	0	0	0	0	0	0	0	0	0	0

Table continued on next page

Table A-11 Continued. Domestic Commercial Disappearance

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. 1&	
Nonfat dry milk	mil. pounds	Baseline	995	1,049	1,106	1,193	1,227	1,267	1,286	1,389	1,507	1,225	
	mil. pounds	A	0	0	0	0	0	0	0	0	0	0	
	mil. pounds	B	0	0	0	0	0	0	0	-1	-1	0	
	mil. pounds	C	1	1	1	1	1	1	1	1	2	1	
	mil. pounds	D	1	1	1	1	1	1	1	1	1	1	
	mil. pounds	E	0	0	0	0	0	0	0	0	0	0	
	mil. pounds	F	0	0	0	0	0	0	0	0	0	0	
	mil. pounds	G	1	1	1	1	2	2	1	2	3	2	
	mil. pounds	H	-4	-4	-3	-4	-5	-5	-5	-6	-8	-5	
	mil. pounds	I	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-1
	mil. pounds	J	0	0	0	0	0	0	0	0	0	0	
Dry whey	mil. pounds	Baseline	921	909	894	876	853	829	802	774	749	845	
	mil. pounds	A	0	0	0	-1	-1	-1	-1	-1	-1	-1	
	mil. pounds	B	0	0	0	0	-1	-1	-1	-1	-1	-1	
	mil. pounds	C	0	0	1	1	2	2	2	2	2	1	
	mil. pounds	D	1	1	2	3	3	4	4	4	4	3	
	mil. pounds	E	0	0	0	0	0	0	1	1	1	0	
	mil. pounds	F	1	1	2	2	3	3	3	3	3	2	
	mil. pounds	G	0	1	2	3	3	4	4	4	4	3	
	mil. pounds	H	-1	-2	-4	-5	-6	-7	-8	-8	-9	-6	
	mil. pounds	I	0	0	-1	-1	-1	-1	-2	-2	-2	-1	
	mil. pounds	J	0	0	0	0	0	0	0	0	0	0	

Table A-12. Milk Income Loss Contract (MILC) Payments and Net Government Removals of Nonfat Dry Milk Through the Milk Price Support Program (MPSP)

Units		2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
Scenario											
Class I Price at Boston (3.5 percent butterfat)	\$/cwt.	16.15									
	\$/cwt.	-0.01									
	\$/cwt.	-0.07									
	\$/cwt.	0.22									
	\$/cwt.	0.16									
	\$/cwt.	-0.01									
	\$/cwt.	-0.03									
	\$/cwt.	0.24									
	\$/cwt.	-0.44									
	\$/cwt.	-0.14									
	\$/cwt.	-0.04									
MILC Payments	mil. \$	214									
	mil. \$	1									
	mil. \$	10									
	mil. \$	-57									
	mil. \$	-20									
	mil. \$	2									
	mil. \$	4									
	mil. \$	-60									
	mil. \$	57									
	mil. \$	19									
	mil. \$	5									
NDM Net Govt. Removals ¹	mil. pounds	145	147	310	366	370	365	326	291	214	282
	mil. pounds	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
	mil. pounds	0	-2	-3	-3	-4	-4	-4	-4	-4	-3
	mil. pounds	0	4	8	9	10	11	11	10	9	8
	mil. pounds	0	4	7	8	8	8	8	7	6	6
	mil. pounds	0	0	0	-1	-1	-1	-1	-1	-1	-1
	mil. pounds	0	1	2	1	1	1	0	0	0	1
	mil. pounds	0	6	10	12	13	15	15	13	12	11
	mil. pounds	0	-17	-30	-34	-38	-41	-41	-38	-34	-31
	mil. pounds	0	-2	-6	-7	-8	-8	-8	-8	-7	-6
	mil. pounds	0	-1	-1	-1	-1	-1	0	0	1	0

Table continued on next page

Table A-12 Continued. Milk Income Loss Contract (MILC) Payments and Net Government Removals of Nonfat Dry Milk Through the Milk Price Support Program (MPSP)

	Units	Scenario	2007	2008	2009	2010	2011	2012	2013	2014	2015	9 Yr. Avg.
MPSP Outlays ²	mil. \$	A	0	0	-1	-1	-1	-1	-1	-1	-1	-1
	mil. \$	B	0	-1	-2	-3	-3	-3	-3	-3	-3	-2
	mil. \$	C	0	3	6	7	8	8	8	8	8	7
	mil. \$	D	0	4	6	6	7	7	6	6	6	5
	mil. \$	E	0	0	0	0	-1	-1	-1	-1	-1	-1
	mil. \$	F	0	1	1	1	1	0	0	0	0	0
	mil. \$	G	0	4	8	10	11	12	12	12	11	10
	mil. \$	H	0	-14	-24	-27	-31	-33	-33	-33	-31	-27
	mil. \$	I	0	-1	-5	-5	-6	-7	-7	-7	-6	-6
	mil. \$	J	0	-1	-1	-1	-1	-1	0	0	0	0
	Total Govt. Outlays	mil. \$	A	1	0	-1	-1	-1	-1	-1	-1	-1
mil. \$		B	10	-1	-2	-3	-3	-3	-3	-3	-3	-1
mil. \$		C	-57	3	6	7	8	8	8	8	8	7
mil. \$		D	-20	4	6	6	7	7	6	6	6	5
mil. \$		E	2	0	0	0	-1	-1	-1	-1	-1	-1
mil. \$		F	4	1	1	1	1	0	0	0	0	0
mil. \$		G	-60	4	8	10	11	12	12	12	11	10
mil. \$		H	57	-14	-24	-27	-31	-33	-33	-33	-31	-27
mil. \$		I	19	-1	-5	-5	-6	-7	-7	-7	-6	-6
mil. \$		J	5	-1	-1	-1	-1	-1	0	0	0	0

¹ Net government removals equals support price purchases plus Dairy Export Incentive Program (DEIP) removals minus unrestricted sales. To be consistent with the USDA baseline, there is no change to NDM removals for 2007 because the DEIP is assumed to be fully funded.

² MPSP outlays are not projected in the model. The **change** is computed by multiplying NDM net removal quantities by the NDM support price of \$0.80. No attempt is made to estimate changes in storage, handling, transportation, processing, and packaging.