

MU Agricultural Markets and Policy
(AMAP) Preliminary Baseline
November 2023

U.S. Livestock and Dairy Tables

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Selected Macroeconomic Assumptions

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Percentage Change)										
Real GDP	2.3	2.1	2.5	2.9	1.8	2.5	3.0	2.5	-2.2	5.8	1.9
CPI, All Urban Consumers	2.1	1.5	1.6	0.1	1.3	2.1	2.4	1.8	1.3	4.7	8.0
PPI, All Commodities	0.5	0.6	0.9	-7.2	-2.7	4.4	4.3	-1.0	-2.7	17.0	16.3
	(Dollars per Barrel)										
Refiners' Cost of Oil	101.00	100.47	92.23	48.40	40.60	50.69	64.46	59.36	39.16	67.51	95.16
	(Index, 2017=100)										
Inflation-Adj. Exch. Rate vs. Advanced Foreign Econ.	74.2	78.1	82.1	97.3	99.9	100.0	99.8	106.5	107.3	102.6	118.5
vs. Emerging Market Econ.	74.9	76.1	79.9	90.6	99.2	100.0	102.8	109.4	115.6	112.3	125.5
	(Percentage Change)										
Foreign Real GDP Growth Advanced Foreign Econ.	1.2	1.6	2.3	1.6	1.5	2.8	2.2	1.5	-5.3	5.3	3.3
Emerging Market Economies	4.3	3.6	3.6	3.3	2.7	3.5	3.3	1.7	-4.1	7.3	3.8

Source: S&P Global, Oct 2023

Selected Input Cost Indexes *

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(2011 = 100)										
Fertilizer	101	97	95	87	72	66	70	72	68	91	148
Mixed Fertilizer	97	90	87	84	72	67	71	72	66	93	130
Nitrogen Fertilizer	106	104	102	91	72	67	71	74	70	91	168
Potash and Phosphate	101	95	95	85	71	64	65	67	68	85	146
Fuels	99	98	98	64	56	63	71	68	58	77	111
Supplies & Repairs	103	104	106	106	106	108	112	115	117	125	139
Building Material	103	105	107	107	108	110	116	118	121	141	164
Farm Services	102	106	109	114	116	112	115	117	117	121	136
Rent	102	106	114	130	124	124	120	116	118	122	124

Selected Crop Prices *

Marketing year	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23
Corn (\$/bu.)	6.89	4.46	3.70	3.61	3.36	3.36	3.61	3.56	4.53	6.00	6.54
Wheat (\$/bu.)	7.77	6.87	5.99	4.89	3.89	4.72	5.16	4.58	5.05	7.63	8.83
Sorghum (\$/bu.)	6.33	4.28	4.03	3.31	2.79	3.22	3.26	3.34	5.04	5.94	5.94
Soybeans (\$/bu.)	14.40	13.00	10.10	8.95	9.47	9.33	8.48	8.57	10.80	13.30	14.20
Soybean meal (\$/ton)	468.11	489.94	368.49	324.56	316.88	345.02	308.28	299.50	392.31	439.81	451.91
Soybean oil (cents/lb.)	47.13	38.23	31.60	29.86	32.55	30.04	28.26	29.65	56.87	72.98	65.26
Upland cotton (cents/lb.)	72.50	77.90	61.30	61.20	68.00	68.60	70.30	59.60	66.30	91.40	84.80
Rice (\$/cwt)	15.10	16.30	13.40	12.20	10.40	12.90	12.60	13.60	14.40	16.10	19.20
Distillers grains (\$/ton)	251.27	196.01	155.54	136.21	105.29	149.69	145.90	158.58	209.18	232.98	234.01

*These projections prepared by the Food and Agricultural Policy Research Institute.

Selected Macroeconomic Assumptions

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Percentage Change)										
Real GDP	2.5	1.6	1.2	1.6	1.8	1.8	1.7	1.7	1.6	1.7	1.8
CPI, All Urban Consumers	4.1	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2
PPI, All Commodities	-3.8	-3.5	1.6	2.0	1.3	1.3	1.2	1.6	1.9	2.0	2.0
	(Dollars per Barrel)										
Refiners' Cost of Oil	77.93	77.33	81.27	82.30	84.44	85.97	87.36	89.09	91.06	93.17	95.14
	(Index, 2017=100)										
Inflation-Adj. Exch. Rate vs. Advanced Foreign Econ.	132.5	134.8	129.7	125.6	122.7	120.3	119.0	118.4	118.3	118.5	118.9
vs. Emerging Market Econ.	133.9	134.6	130.2	126.0	122.1	120.2	119.3	119.2	119.3	119.5	119.6
	(Percentage Change)										
Foreign Real GDP Growth Advanced Foreign Econ.	1.0	1.0	1.6	1.8	1.6	1.5	1.5	1.5	1.5	1.4	1.4
Emerging Market Economies	3.1	2.9	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0

Source: S&P Global, Oct 2023

Selected Input Cost Indexes *

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(2011 = 100)										
Fertilizer	118	94	78	83	88	92	90	88	89	92	95
Mixed Fertilizer	125	92	77	81	84	89	87	86	87	89	93
Nitrogen Fertilizer	108	94	78	83	92	93	92	89	89	92	95
Potash and Phosphate	112	93	78	82	86	90	89	88	89	91	94
Fuels	96	86	86	87	88	90	91	92	94	96	98
Supplies & Repairs	144	144	146	149	152	156	159	163	167	171	176
Building Material	165	163	162	162	163	165	168	171	174	178	181
Farm Services	141	141	143	146	149	153	156	160	163	167	172
Rent	128	129	124	122	122	124	125	126	125	125	124

Selected Crop Prices *

Marketing year	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34
Corn (\$/bu.)	4.98	4.45	4.37	4.31	4.35	4.33	4.28	4.21	4.17	4.16	4.13
Wheat (\$/bu.)	7.29	6.63	5.91	5.68	5.75	5.74	5.70	5.65	5.61	5.61	5.63
Sorghum (\$/bu.)	4.94	3.94	3.98	4.00	4.07	4.06	4.01	3.95	3.90	3.87	3.81
Soybeans (\$/bu.)	13.06	10.80	10.70	11.01	11.13	11.06	10.91	10.78	10.74	10.76	10.74
Soybean meal (\$/ton)	396.62	301.83	296.07	305.98	309.81	307.41	301.98	297.12	295.12	295.21	292.89
Soybean oil (cents/lb.)	62.88	55.16	55.07	55.60	56.07	56.27	56.40	56.39	56.38	56.53	56.95
Upland cotton (cents/lb.)	77.54	71.49	73.22	73.61	73.75	74.11	74.38	74.35	74.43	74.67	74.55
Rice (\$/cwt)	17.42	14.97	16.04	16.02	16.53	16.76	16.92	16.98	17.01	16.92	16.89
Distillers grains (\$/ton)	181.74	156.00	153.62	154.93	156.78	156.30	154.46	152.41	151.47	151.54	150.88

*These projections prepared by the Food and Agricultural Policy Research Institute.

U.S. Cattle Sector

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Million Head)										
Beef Cows (Jan. 1)	30.3	29.6	29.0	29.3	30.2	31.2	31.5	31.7	31.3	30.8	30.0
Dairy Cows (Jan. 1)	9.2	9.2	9.2	9.3	9.3	9.4	9.4	9.4	9.3	9.4	9.4
Cattle and Calves (Jan. 1)	91.2	90.1	88.2	89.2	91.9	93.6	94.3	94.8	93.8	93.8	92.1
Calf Crop	34.5	33.6	33.5	34.1	35.1	35.8	36.3	35.6	35.5	35.2	34.5
Calf Death Loss	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.1	2.1	2.1
Calf Slaughter	0.8	0.8	0.6	0.5	0.5	0.5	0.6	0.6	0.5	0.4	0.4
Beef Cow Slaughter	3.4	3.2	2.6	2.3	2.6	2.8	3.1	3.2	3.3	3.6	4.0
Dairy Cow Slaughter	3.2	3.2	2.9	3.0	2.9	3.0	3.2	3.3	3.1	3.2	3.1
Bull Slaughter	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.6
Steer and Heifer Slaughter	26.0	25.6	24.2	23.1	24.7	25.9	26.3	26.6	25.9	26.6	26.7
Total Slaughter	33.9	33.4	30.9	29.3	31.2	32.8	33.7	34.3	33.4	34.4	34.8
Cattle Imports	2.3	2.0	2.4	2.0	1.7	1.8	1.9	2.0	2.1	1.8	1.6
Cattle Exports	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.4
Cattle Death Loss	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.4	2.4	2.3
Residual	0.8	0.5	0.4	0.5	0.7	0.7	0.8	0.7	0.6	0.7	0.7
Cattle and Calves (Dec. 31)	90.1	88.2	89.2	91.9	93.6	94.3	94.8	93.8	93.8	92.1	89.3
Cattle on Feed (Jan. 1)	14.4	13.7	12.9	13.0	13.2	13.1	14.1	14.4	14.7	14.7	14.7
	(Million Pounds)										
Supply	600	608	584	591	683	757	649	662	642	716	676
Beginning Stocks	2,220	2,250	2,947	3,368	3,012	2,993	2,998	3,058	3,339	3,345	3,390
Imports	25,989	25,790	24,316	23,760	25,288	26,250	26,938	27,224	27,244	28,016	28,359
Production	28,809	28,648	27,846	27,719	28,983	30,000	30,585	30,944	31,225	32,076	32,425
Total	28,809	28,648	27,846	27,719	28,983	30,000	30,585	30,944	31,225	32,076	32,425
Disappearance	25,748	25,476	24,682	24,769	25,669	26,492	26,763	27,276	27,559	27,973	28,157
Domestic Use	2,452	2,588	2,574	2,267	2,557	2,859	3,160	3,026	2,951	3,428	3,544
Exports	28,201	28,065	27,256	27,036	28,226	29,351	29,923	30,302	30,509	31,400	31,702
Total	608	584	591	683	757	649	662	642	716	676	723
Ending Stocks											
Per Capita Consumption	(Pounds)										
Carcass Weight	81.9	80.5	77.5	77.2	79.4	81.5	81.9	82.5	83.1	84.2	84.4
Retail Weight	57.4	56.4	54.2	54.0	55.6	57.0	57.3	57.8	58.1	58.9	59.1
Change	0.2%	-1.7%	-3.8%	-0.4%	2.9%	2.6%	0.5%	0.8%	0.6%	1.3%	0.3%
Prices	(Dollars Per Hundredweight)										
Total All Grades,	122.86	125.89	154.56	148.12	120.86	121.52	117.12	116.78	108.51	122.40	144.40
5-Area Direct Steers	7.1%	2.5%	22.8%	-4.2%	-18.4%	0.5%	-3.6%	-0.3%	-7.1%	12.8%	18.0%
Change	158.19	158.84	225.07	226.52	153.44	155.82	159.20	153.65	145.82	157.65	181.51
600 - 650 #, Oklahoma	12.0%	0.4%	41.7%	0.6%	-32.3%	1.5%	2.2%	-3.5%	-5.1%	8.1%	15.1%
City Feeder Steers	76.68	76.38	104.09	99.76	71.45	66.74	61.19	58.97	58.56	63.56	76.20
Utility Cows, Sioux Falls	9.8%	-0.4%	36.3%	-4.2%	-28.4%	-6.6%	-8.3%	-3.6%	-0.7%	8.5%	19.9%
Change	190.67	195.29	239.21	237.48	206.68	209.74	214.06	222.86	236.36	280.21	263.94
Boxed Beef, Choice, 6-900 #	5.2%	2.4%	22.5%	-0.7%	-13.0%	1.5%	2.1%	4.1%	6.1%	18.6%	-5.8%
Change	(Dollars Per Pound)										
Beef Retail	4.99	5.29	5.97	6.29	5.96	5.91	5.92	6.04	6.54	7.25	7.59
Change	3.7%	6.1%	12.9%	5.3%	-5.2%	-0.9%	0.3%	2.0%	8.1%	10.9%	4.7%
Cow-Calf Returns	(Dollars Per Cow)										
Receipts	785.03	880.56	1248.23	995.38	728.97	786.69	743.79	707.22	698.08	787.85	909.82
Feed Expenses	432.97	437.52	416.05	412.50	392.35	386.87	386.30	396.40	397.08	440.68	494.54
Non-feed Expenses	264.55	272.75	303.26	287.44	259.44	266.47	239.90	239.71	232.45	255.76	305.90
Net Returns	87.51	170.29	528.92	295.44	77.18	133.35	117.59	71.11	68.55	91.41	109.38

U.S. Cattle Sector

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Million Head)										
Beef Cows (Jan. 1)	28.9	28.2	27.9	27.9	28.3	28.9	29.4	29.8	30.0	30.2	30.2
Dairy Cows (Jan. 1)	9.4	9.4	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6
Cattle and Calves (Jan. 1)	89.3	87.7	87.3	87.6	88.1	88.7	89.3	89.9	90.4	90.8	91.1
Calf Crop	33.8	33.2	32.9	33.0	33.5	34.0	34.5	34.8	35.0	35.1	35.1
Calf Death Loss	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
Calf Slaughter	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
Beef Cow Slaughter	3.5	2.8	2.4	2.3	2.4	2.6	2.8	3.0	3.1	3.2	3.2
Dairy Cow Slaughter	3.2	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2
Bull Slaughter	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Steer and Heifer Slaughter	25.7	24.8	24.4	24.4	24.7	25.0	25.2	25.4	25.6	25.7	25.8
Total Slaughter	33.3	31.6	30.8	30.7	31.1	31.6	32.0	32.4	32.6	32.9	33.0
Cattle Imports	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Cattle Exports	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Cattle Death Loss	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
Residual	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Cattle and Calves (Dec. 31)	87.6	87.3	87.6	88.1	88.7	89.3	89.9	90.4	90.8	91.1	91.3
Cattle on Feed (Jan. 1)	14.2	13.9	13.6	13.5	13.5	13.6	13.8	13.9	14.1	14.2	14.3
	(Million Pounds)										
Supply	723	624	570	560	566	582	603	621	640	655	670
Beginning Stocks	723	624	570	560	566	582	603	621	640	655	670
Imports	3,653	3,744	3,737	3,661	3,592	3,531	3,481	3,452	3,424	3,409	3,398
Production	27,037	25,884	25,445	25,564	25,979	26,495	26,988	27,447	27,826	28,168	28,427
Total	31,413	30,252	29,752	29,785	30,136	30,608	31,072	31,521	31,890	32,233	32,496
Disappearance	27,754	26,848	26,306	26,213	26,454	26,826	27,187	27,525	27,784	28,016	28,169
Domestic Use	27,754	26,848	26,306	26,213	26,454	26,826	27,187	27,525	27,784	28,016	28,169
Exports	3,035	2,834	2,887	3,006	3,101	3,179	3,263	3,356	3,451	3,546	3,644
Total	30,789	29,682	29,192	29,219	29,554	30,005	30,450	30,881	31,235	31,563	31,812
Ending Stocks	624	570	560	566	582	603	621	640	655	670	683
Per Capita Consumption	(Pounds)										
Carcass Weight	82.8	79.7	77.6	77.0	77.3	78.0	78.6	79.2	79.6	79.9	79.9
Retail Weight	57.9	55.8	54.4	53.9	54.1	54.6	55.0	55.5	55.7	55.9	56.0
Change	-1.9%	-3.8%	-2.5%	-0.9%	0.4%	0.9%	0.8%	0.7%	0.5%	0.4%	0.1%
Prices	(Dollars Per Hundredweight)										
Total All Grades,	177.25	182.81	187.87	190.17	184.74	176.56	169.77	164.34	161.71	159.18	157.19
5-Area Direct Steers	177.25	182.81	187.87	190.17	184.74	176.56	169.77	164.34	161.71	159.18	157.19
Change	22.8%	3.1%	2.8%	1.2%	-2.9%	-4.4%	-3.8%	-3.2%	-1.6%	-1.6%	-1.3%
600 - 650 #, Oklahoma	240.49	267.64	282.75	287.79	277.34	260.92	247.79	238.16	234.21	230.64	227.92
City Feeder Steers	240.49	267.64	282.75	287.79	277.34	260.92	247.79	238.16	234.21	230.64	227.92
Change	32.5%	11.3%	5.6%	1.8%	-3.6%	-5.9%	-5.0%	-3.9%	-1.7%	-1.5%	-1.2%
Utility Cows, Sioux Falls	96.06	98.07	102.25	104.55	100.26	93.34	87.44	82.82	80.53	78.45	76.80
Change	26.1%	2.1%	4.3%	2.2%	-4.1%	-6.9%	-6.3%	-5.3%	-2.8%	-2.6%	-2.1%
Boxed Beef, Choice, 6-900 #	299.53	316.49	329.15	333.31	327.78	318.96	312.74	307.41	305.12	303.14	301.90
Change	13.5%	5.7%	4.0%	1.3%	-1.7%	-2.7%	-1.9%	-1.7%	-0.7%	-0.6%	-0.4%
	(Dollars Per Pound)										
Beef Retail	8.01	8.41	8.66	8.79	8.73	8.59	8.47	8.38	8.34	8.31	8.28
Change	5.7%	4.9%	3.0%	1.5%	-0.6%	-1.6%	-1.4%	-1.1%	-0.5%	-0.3%	-0.3%
Cow-Calf Returns	(Dollars Per Cow)										
Receipts	1201.70	1278.83	1336.53	1343.03	1286.24	1211.37	1152.01	1111.65	1092.29	1075.37	1063.95
Feed Expenses	533.21	502.23	475.03	465.80	467.00	472.51	478.17	482.19	485.16	488.52	491.28
Non-feed Expenses	374.36	405.23	401.25	390.03	383.50	379.70	377.82	377.78	381.31	385.46	390.31
Net Returns	294.13	371.36	460.24	487.21	435.74	359.15	296.03	251.68	225.82	201.39	182.37

U.S. Swine Sector

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Million Head)										
Breeding Herd (Dec. 1*)	5.80	5.82	5.76	5.94	6.00	6.11	6.18	6.33	6.55	6.18	6.13
Gilts Added	3.11	2.95	3.05	2.99	3.07	3.10	3.24	3.32	3.03	3.14	3.12
Sow Slaughter	3.03	2.95	2.81	2.87	2.91	2.97	3.03	3.03	3.34	3.13	3.08
Sows Farrowed	11.57	11.27	11.55	11.70	12.00	12.22	12.42	12.53	12.75	12.06	12.04
Pigs per Litter (Head)	10.08	10.22	9.94	10.38	10.50	10.59	10.68	10.98	11.03	11.06	11.08
Market Hogs (Dec. 1*)	60.5	60.4	59.0	61.7	63.0	65.2	67.0	68.7	70.3	71.1	68.3
Pig Crop	116.7	115.1	114.8	121.4	125.9	129.4	132.6	137.6	140.7	133.4	133.4
Barrow and Gilt Slaughter	109.8	108.8	103.7	112.3	115.0	118.0	121.0	126.5	127.9	125.5	121.9
Hog Imports	5.7	4.9	4.9	5.7	5.7	5.6	5.3	5.1	5.3	6.7	6.5
Hog Exports	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0
Death Loss/Residual	12.5	12.7	13.3	13.5	14.3	15.3	15.0	14.6	17.2	17.2	17.4
Market Hogs (Nov.30)	60.4	59.0	61.7	63.0	65.2	67.0	68.7	70.3	71.1	68.3	68.7
	(Million Pounds)										
Supply	542	625	618	559	590	507	554	559	646	467	446
Beginning Stocks	802	880	1,011	1,116	1,091	1,116	1,042	945	904	1,180	1,344
Imports	23,268	23,203	22,858	24,517	24,957	25,598	26,329	27,652	28,318	27,690	27,011
Production	24,612	24,707	24,487	26,191	26,638	27,221	27,926	29,156	29,869	29,337	28,800
Total											
Disappearance	18,607	19,104	18,836	20,592	20,892	21,034	21,490	22,189	22,122	21,868	21,951
Domestic Use	5,379	4,986	5,092	5,010	5,239	5,632	5,877	6,321	7,280	7,024	6,345
Exports	23,987	24,090	23,928	25,602	26,130	26,666	27,367	28,510	29,401	28,892	28,296
Total	625	618	559	590	507	554	559	646	467	446	504
Ending Stocks											
	(Pounds)										
Per Capita Consumption	59.2	60.4	59.1	64.2	64.6	64.7	65.7	67.1	66.7	65.8	65.8
Carcass Weight	46.0	46.9	45.9	49.8	50.2	50.2	51.0	52.1	51.7	51.1	51.1
Retail Weight	0.5%	2.0%	-2.1%	8.5%	0.7%	0.1%	1.6%	2.1%	-0.7%	-1.3%	0.0%
Change											
	(Dollars Per Hundredweight)										
Prices	61.13	64.05	76.03	50.23	46.16	50.48	45.93	47.95	43.18	67.29	71.21
Barrows & Gilts, Natl. Base	-7.5%	4.8%	18.7%	-33.9%	-8.1%	9.4%	-9.0%	4.4%	-9.9%	55.8%	5.8%
51-52% lean equiv.											
Change	84.54	91.69	110.10	78.96	78.36	84.02	76.09	77.14	77.31	104.10	103.72
Pork Cutout Value	-9.8%	8.5%	20.1%	-28.3%	-0.8%	7.2%	-9.4%	1.4%	0.2%	34.6%	-0.4%
Change	(Dollars Per Pound)										
Pork Retail	3.47	3.64	4.02	3.85	3.75	3.78	3.74	3.84	4.03	4.50	4.90
Change	1.0%	5.1%	10.3%	-4.1%	-2.7%	1.0%	-1.1%	2.6%	4.8%	11.8%	8.7%
	(Dollars Per Hundredweight)										
Farrow-Finish Returns	65.80	67.82	78.99	54.50	50.25	53.44	50.45	53.33	46.96	70.69	77.21
Receipts	42.79	45.27	35.35	30.25	27.60	26.29	27.73	28.21	27.91	38.71	46.07
Feed Expenses	23.37	21.86	22.88	20.05	20.01	20.14	20.32	20.53	19.85	21.78	25.34
Non-feed Expenses	-0.37	0.69	20.77	4.20	2.64	7.01	2.40	4.59	-0.80	10.21	5.80
Net Returns											

* Preceding year

U.S. Swine Sector

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Million Head)										
Breeding Herd (Dec. 1*)	6.10	5.97	5.88	5.85	5.85	5.83	5.81	5.78	5.77	5.76	5.77
Gilts Added	3.14	3.04	3.02	3.02	3.01	3.01	3.01	3.01	3.02	3.03	3.03
Sow Slaughter	3.21	3.07	2.99	2.96	2.97	2.97	2.97	2.97	2.96	2.97	2.97
Sows Farrowed	11.78	11.60	11.50	11.50	11.52	11.51	11.50	11.49	11.50	11.52	11.56
Pigs per Litter (Head)	11.34	11.48	11.59	11.70	11.81	11.92	12.03	12.14	12.24	12.35	12.46
Market Hogs (Dec. 1*)	68.7	68.0	67.5	67.8	68.4	69.0	69.6	70.0	70.4	70.9	71.5
Pig Crop	133.5	133.1	133.3	134.5	136.0	137.2	138.3	139.4	140.8	142.4	144.1
Barrow and Gilt Slaughter	123.8	123.3	122.9	123.7	125.1	126.4	127.5	128.6	129.8	131.1	132.6
Hog Imports	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.5
Hog Exports	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Death Loss/Residual	17.0	16.7	16.5	16.5	16.6	16.6	16.7	16.8	16.9	17.1	17.3
Market Hogs (Nov.30)	68.0	67.5	67.8	68.4	69.0	69.6	70.0	70.4	70.9	71.5	72.2
	(Million Pounds)										
Supply	504	472	456	456	465	480	495	508	522	537	553
Beginning Stocks	1,134	1,175	1,144	1,113	1,087	1,074	1,076	1,080	1,081	1,082	1,084
Imports	27,177	27,290	27,368	27,669	28,082	28,465	28,813	29,156	29,530	29,942	30,396
Production	28,816	28,937	28,967	29,238	29,635	30,018	30,383	30,745	31,134	31,561	32,033
Total											
Disappearance	21,610	21,615	21,574	21,607	21,802	22,031	22,213	22,403	22,567	22,748	23,052
Domestic Use	6,734	6,867	6,938	7,166	7,353	7,493	7,661	7,820	8,029	8,260	8,411
Exports	28,344	28,482	28,512	28,772	29,155	29,524	29,875	30,223	30,596	31,008	31,463
Total	472	456	456	465	480	495	508	522	537	553	570
Ending Stocks											
	(Pounds)										
Per Capita Consumption	64.5	64.1	63.7	63.4	63.7	64.0	64.2	64.5	64.6	64.8	65.4
Carcass Weight	50.0	49.8	49.4	49.2	49.4	49.7	49.9	50.0	50.2	50.3	50.8
Retail Weight	-2.1%	-0.5%	-0.7%	-0.4%	0.4%	0.5%	0.3%	0.4%	0.2%	0.3%	0.9%
Change											
Prices	(Dollars Per Hundredweight)										
Barrows & Gilts, Natl. Base	58.97	59.56	60.61	62.12	61.91	60.27	59.09	58.49	58.05	57.88	57.56
51-52% lean equiv.	-17.2%	1.0%	1.8%	2.5%	-0.3%	-2.7%	-2.0%	-1.0%	-0.7%	-0.3%	-0.6%
Change											
Pork Cutout Value	89.99	94.10	96.77	98.16	97.84	96.37	95.40	94.70	93.81	93.36	93.00
Change	-13.2%	4.6%	2.8%	1.4%	-0.3%	-1.5%	-1.0%	-0.7%	-0.9%	-0.5%	-0.4%
	(Dollars Per Pound)										
Pork Retail	4.82	4.88	4.99	5.09	5.07	5.04	5.01	4.99	4.97	4.96	4.96
Change	-1.6%	1.2%	2.3%	1.9%	-0.3%	-0.6%	-0.6%	-0.4%	-0.3%	-0.2%	0.0%
	(Dollars Per Hundredweight)										
Farrow-Finish Returns	64.80	65.15	65.71	67.24	67.03	65.36	64.17	63.55	63.11	62.94	62.61
Receipts	44.86	36.08	31.85	31.43	31.55	31.75	31.54	31.10	30.69	30.49	30.40
Feed Expenses	28.38	27.84	27.73	27.78	28.00	28.29	28.56	28.85	29.21	29.62	30.05
Non-feed Expenses	-8.44	1.23	6.13	8.03	7.48	5.33	4.07	3.60	3.21	2.83	2.16
Net Returns											

* Preceding year

U.S. Poultry Supply and Use

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Broiler											
Supply (Million Pounds)											
Beginning Stocks	590	651	669	680	832	778	856	845	937	830	705
Imports	111	122	117	131	131	126	139	131	145	155	176
Production	36,643	37,425	38,153	39,620	40,261	41,217	42,145	43,435	44,106	44,419	45,711
Total	37,345	38,198	38,938	40,430	41,224	42,120	43,140	44,411	45,188	45,403	46,593
Disappearance											
Domestic Use	29,420	30,184	30,961	33,278	33,802	34,478	35,226	36,371	36,989	37,350	38,411
Exports	7,274	7,345	7,297	6,321	6,645	6,786	7,069	7,103	7,368	7,348	7,290
Total	36,694	37,530	38,258	39,598	40,446	41,264	42,295	43,474	44,358	44,698	45,700
Ending Stocks	651	669	680	832	778	856	845	937	830	705	892
Per Capita Consumption (Pounds)											
RTC Weight	93.6	95.4	97.2	103.7	104.6	106.0	107.7	110.0	111.5	112.4	115.1
Retail Weight	80.4	81.9	83.5	89.1	89.8	91.1	92.6	94.5	95.8	96.5	98.9
Change	-3.0%	1.9%	1.9%	6.7%	0.9%	1.4%	1.6%	2.1%	1.3%	0.8%	2.5%
Prices (Cents Per Pound)											
Nat'l Comp. Whlsle. Broiler*	86.98	99.70	104.88	90.52	84.33	93.54	97.80	88.58	73.21	101.18	140.53
Change	10.1%	14.6%	5.2%	-13.7%	-6.8%	10.9%	4.6%	-9.4%	-17.4%	38.2%	38.9%
Broiler Retail	189.25	196.47	196.27	196.67	189.73	187.56	187.29	187.65	199.18	209.44	242.79
Change	7.1%	3.8%	-0.1%	0.2%	-3.5%	-1.1%	-0.1%	0.2%	6.1%	5.2%	15.9%
Broiler-Feed Ratio	3.1	3.7	5.0	5.0	4.7	5.4	5.7	4.9	3.7	3.8	4.9
Turkey											
Supply (Million Pounds)											
Beginning Stocks	211	296	237	193	201	279	310	303	233	223	166
Imports	22	20	27	45	50	25	19	12	21	22	85
Production	5,889	5,729	5,756	5,627	5,981	5,981	5,878	5,818	5,743	5,558	5,222
Total	6,122	6,046	6,020	5,865	6,232	6,284	6,206	6,133	5,997	5,804	5,473
Disappearance											
Domestic Use	5,028	5,068	5,052	5,135	5,384	5,352	5,293	5,261	5,203	5,090	4,877
Exports	797	741	775	529	569	622	611	639	571	548	407
Total	5,825	5,809	5,827	5,664	5,954	5,974	5,904	5,900	5,774	5,638	5,284
Ending Stocks	296	237	193	201	279	310	303	233	223	166	190
Per Capita Consumption (Pounds)											
	16.0	16.0	15.9	16.0	16.7	16.5	16.2	15.9	15.7	15.3	14.6
Change	-0.4%	0.1%	-1.0%	0.9%	4.1%	-1.2%	-1.6%	-1.7%	-1.5%	-2.3%	-4.6%
Prices (Cents Per Pound)											
National Wholesale Hens	105.55	99.75	107.59	116.15	117.11	96.08	80.18	89.21	106.52	122.75	154.54
Change	3.5%	-5.5%	7.9%	8.0%	0.8%	-18.0%	-16.5%	11.3%	19.4%	15.2%	25.9%
Turkey-Feed Ratio	4.7	4.6	6.3	8.5	9.2	7.2	5.6	6.4	7.9	6.2	6.6

* 12-city prior to 2013

U.S. Poultry Supply and Use

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Broiler											
Supply (Million Pounds)											
Beginning Stocks	892	852	850	865	871	872	874	877	882	888	893
Imports	130	164	168	170	171	173	174	176	177	178	180
Production	45,719	46,325	46,996	47,559	48,028	48,528	49,068	49,665	50,274	50,860	51,430
Total	46,741	47,342	48,014	48,594	49,070	49,573	50,117	50,718	51,333	51,926	52,503
Disappearance											
Domestic Use	38,645	39,151	39,654	40,075	40,400	40,742	41,123	41,558	42,005	42,440	42,858
Exports	7,244	7,341	7,496	7,648	7,798	7,957	8,116	8,278	8,440	8,593	8,747
Total	45,889	46,492	47,149	47,723	48,198	48,699	49,240	49,836	50,445	51,033	51,606
Ending Stocks	852	850	865	871	872	874	877	882	888	893	897
Per Capita Consumption (Pounds)											
RTC Weight	115.3	116.2	117.0	117.7	118.0	118.4	118.9	119.6	120.3	121.0	121.6
Retail Weight	99.0	99.8	100.5	101.1	101.4	101.7	102.2	102.7	103.3	103.9	104.5
Change	0.1%	0.8%	0.8%	0.5%	0.3%	0.3%	0.4%	0.6%	0.6%	0.6%	0.5%
Prices (Cents Per Pound)											
Nat'l Comp. Whlsle. Broiler*	123.68	116.46	111.59	111.22	112.52	113.57	114.43	114.97	115.54	116.45	117.76
Change	-12.0%	-5.8%	-4.2%	-0.3%	1.2%	0.9%	0.8%	0.5%	0.5%	0.8%	1.1%
Broiler Retail	246.63	241.99	238.00	237.28	239.63	242.52	245.38	248.11	251.10	254.51	258.35
Change	1.6%	-1.9%	-1.6%	-0.3%	1.0%	1.2%	1.2%	1.1%	1.2%	1.4%	1.5%
Broiler-Feed Ratio	4.6	5.0	5.5	5.5	5.4	5.4	5.4	5.4	5.5	5.5	5.5
Turkey											
Supply (Million Pounds)											
Beginning Stocks	190	199	200	217	227	230	232	235	239	244	248
Imports	46	72	64	60	60	60	60	60	60	60	60
Production	5,492	5,598	5,701	5,750	5,767	5,781	5,801	5,829	5,858	5,882	5,903
Total	5,728	5,869	5,965	6,027	6,054	6,071	6,093	6,124	6,157	6,186	6,212
Disappearance											
Domestic Use	5,054	5,204	5,275	5,319	5,335	5,341	5,353	5,372	5,392	5,413	5,431
Exports	475	465	473	481	489	497	505	513	521	525	529
Total	5,529	5,669	5,748	5,800	5,824	5,838	5,858	5,885	5,913	5,938	5,960
Ending Stocks	199	200	217	227	230	232	235	239	244	248	252
Per Capita Consumption (Pounds)											
Change	15.1	15.4	15.6	15.6	15.6	15.5	15.5	15.5	15.4	15.4	15.4
Change	3.1%	2.4%	0.8%	0.3%	-0.2%	-0.4%	-0.3%	-0.1%	-0.1%	-0.1%	-0.1%
Prices (Cents Per Pound)											
National Wholesale Hens	142.19	128.88	121.45	119.20	120.01	120.94	121.59	121.82	121.97	122.34	123.25
Change	-8.0%	-9.4%	-5.8%	-1.9%	0.7%	0.8%	0.5%	0.2%	0.1%	0.3%	0.7%
Turkey-Feed Ratio	6.5	6.9	7.3	7.1	7.0	7.0	7.1	7.1	7.2	7.2	7.2

* 12-city prior to 2013

U.S. Egg Supply and Use

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Supply	(Million Dozens)										
Beginning Stocks	28	21	63	76	32	28	23	23	32	25	19
Production	7,883	8,149	8,509	8,144	8,668	8,947	9,205	9,442	9,296	9,298	9,074
Imports	18	17	35	132	130	34	18	15	15	18	26
Total	7,930	8,187	8,607	8,353	8,829	9,009	9,246	9,479	9,343	9,341	9,119
Disappearance											
Civilian Disappearance											
Shell Egg	4,551	4,601	4,874	4,879	5,196	5,288	5,433	5,545	5,680	5,518	5,452
Breaking Egg	2,114	2,134	2,262	2,104	2,292	2,307	2,400	2,488	2,215	2,307	2,306
Hatching Egg	941	964	981	996	1,010	1,035	1,058	1,081	1,078	1,104	1,116
Exports	302	425	414	342	304	355	333	334	344	392	227
Total	7,909	8,124	8,531	8,321	8,802	8,986	9,224	9,447	9,318	9,321	9,100
Ending Stock	21	63	76	32	28	23	23	32	25	19	19
Per Capita Consumption	(Eggs)										
Shell Egg	173.8	174.5	183.6	182.4	192.9	195.1	199.4	201.3	205.4	199.2	196.1
Change	2.3%	0.4%	5.2%	-0.6%	5.7%	1.1%	2.2%	0.9%	2.1%	-3.0%	-1.6%
Breaking Egg	80.7	80.9	85.2	78.7	85.1	85.1	88.1	90.3	80.1	83.3	82.9
Change	0.8%	0.2%	5.3%	-7.6%	8.1%	0.0%	3.5%	2.6%	-11.3%	4.0%	-0.4%
Total	254.6	255.4	268.8	261.1	278.0	280.3	287.5	291.6	285.6	282.5	279.0
Prices	(Cents Per Dozen)										
NY Grade A Lg Wholesale	117.44	124.69	142.33	181.75	85.70	100.90	137.60	94.03	112.19	118.48	282.42
Change	1.8%	6.2%	14.1%	27.7%	-52.8%	17.7%	36.4%	-31.7%	19.3%	5.6%	138.4%
Shell Egg Retail	183.77	190.95	201.85	246.94	168.42	146.71	174.17	139.58	150.58	167.40	285.68
Change	3.9%	3.9%	5.7%	22.3%	-31.8%	-12.9%	18.7%	-19.9%	7.9%	11.2%	70.7%
Egg-Feed Ratio	5.4	6.5	10.2	17.1	5.9	7.7	11.3	6.5	7.8	5.8	15.3

U.S. Egg Supply and Use

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Supply	(Million Dozens)										
Beginning Stocks	19	23	20	20	20	20	20	20	20	20	20
Production	9,178	9,419	9,571	9,671	9,759	9,848	9,941	10,037	10,132	10,229	10,327
Imports	29	30	28	25	25	25	25	25	25	25	25
Total	9,226	9,472	9,619	9,715	9,804	9,893	9,986	10,081	10,177	10,273	10,372
Disappearance											
Civilian Disappearance											
Shell Egg	5,544	5,697	5,774	5,828	5,887	5,947	6,009	6,072	6,135	6,198	6,264
Breaking Egg	2,309	2,396	2,451	2,486	2,511	2,537	2,563	2,590	2,617	2,644	2,672
Hatching Egg	1,108	1,121	1,129	1,133	1,133	1,135	1,137	1,140	1,143	1,146	1,148
Exports	242	238	245	250	252	255	257	260	263	265	268
Total	9,203	9,452	9,599	9,696	9,784	9,873	9,966	10,062	10,157	10,254	10,352
Ending Stock	23	20	20	20	20	20	20	20	20	20	20
Per Capita Consumption	(Eggs)										
Shell Egg	198.4	202.8	204.5	205.4	206.4	207.4	208.5	209.7	210.9	212.0	213.3
Change	1.2%	2.2%	0.8%	0.4%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%
Breaking Egg	82.6	85.3	86.8	87.6	88.0	88.5	89.0	89.5	89.9	90.5	91.0
Change	-0.4%	3.2%	1.8%	0.9%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%
Total	281.1	288.1	291.3	293.0	294.4	295.9	297.5	299.1	300.8	302.5	304.3
Prices	(Cents Per Dozen)										
NY Grade A Lg Wholesale	184.26	152.40	137.58	136.78	138.69	139.75	140.13	140.12	140.27	141.08	142.70
Change	-34.8%	-17.3%	-9.7%	-0.6%	1.4%	0.8%	0.3%	0.0%	0.1%	0.6%	1.1%
Shell Egg Retail	275.66	229.55	210.84	209.43	212.23	214.71	216.62	218.20	220.23	223.13	226.99
Change	-3.5%	-16.7%	-8.2%	-0.7%	1.3%	1.2%	0.9%	0.7%	0.9%	1.3%	1.7%
Egg-Feed Ratio	9.9	9.1	9.2	9.2	9.2	9.1	9.2	9.2	9.3	9.3	9.4

U.S. Dairy Sector

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
U.S. Milk Supply											
Dairy Cows (1000 Head)	9,237	9,224	9,261	9,320	9,334	9,406	9,398	9,337	9,392	9,449	9,402
Milk Yield (Lbs.)	21,722	21,819	22,249	22,372	22,761	22,914	23,152	23,395	23,777	23,950	24,087
Milk Production (Bil. Lbs.)	200.6	201.3	206.0	208.5	212.5	215.5	217.6	218.4	223.3	226.3	226.5
Min. FMMO Class Prices											
	(Dollars per Cwt.)										
Class I Mover	17.46	18.84	23.29	16.34	14.80	16.45	14.84	16.99	16.91	16.83	23.66
Class II	16.64	19.42	23.34	15.48	14.35	16.04	14.80	16.76	14.29	16.44	25.27
Class III	17.44	17.99	22.34	15.80	14.87	16.17	14.61	16.96	18.16	17.08	21.96
Class IV	16.01	19.05	22.09	14.35	13.77	15.16	14.23	16.30	13.49	16.09	24.47
All Milk Price	18.56	20.11	24.07	17.21	16.34	17.69	16.28	18.65	18.16	18.53	25.34
Wholesale Prices											
	(Dollars per Pound)										
Butter, CME	1.60	1.56	2.16	2.09	2.08	2.33	2.25	2.23	1.58	1.74	2.86
Cheese, Am., 40#, CME	1.70	1.76	2.11	1.61	1.58	1.61	1.55	1.78	2.00	1.71	2.07
Nonfat Dry Milk, AA	1.38	1.72	1.74	0.94	0.85	0.88	0.81	1.06	1.06	1.31	1.70
Dry Whey, Central	0.58	0.56	0.63	0.34	0.28	0.41	0.34	0.37	0.35	0.57	0.57
Dairy Product Production											
	(Million Pounds)										
American Cheese	4,355	4,420	4,588	4,694	4,769	5,072	5,254	5,232	5,338	5,615	5,640
Other Cheese	6,531	6,682	6,924	7,137	7,413	7,568	7,784	7,905	7,901	8,146	8,422
Butter	1,860	1,863	1,855	1,850	1,839	1,847	1,968	1,994	2,146	2,063	2,059
Nonfat Dry Milk	2,155	2,119	2,319	2,279	2,321	2,377	2,352	2,440	2,665	2,753	2,635

U.S. Dairy Sector

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
U.S. Milk Supply											
Dairy Cows (1000 Head)	9,397	9,390	9,429	9,485	9,528	9,562	9,582	9,597	9,607	9,613	9,614
Milk Yield (Lbs.)	24,172	24,593	24,874	25,124	25,375	25,686	25,873	26,127	26,381	26,706	26,891
Milk Production (Bil. Lbs.)	227.1	230.9	234.5	238.3	241.8	245.6	247.9	250.8	253.4	256.7	258.5
Min. FMMO Class Prices											
	(Dollars per Cwt.)										
Class I Mover	19.15	19.06	19.56	19.16	18.93	18.70	18.70	18.63	18.57	18.58	18.61
Class II	20.17	19.44	19.49	18.88	18.54	18.34	18.36	18.33	18.29	18.27	18.33
Class III	17.19	17.95	18.90	18.71	18.59	18.34	18.31	18.20	18.12	18.15	18.16
Class IV	19.28	18.74	18.79	18.18	17.84	17.64	17.66	17.63	17.59	17.57	17.63
All Milk Price	20.68	20.84	21.49	21.16	20.96	20.74	20.72	20.64	20.58	20.59	20.62
Wholesale Prices											
	(Dollars per Pound)										
Butter, CME	2.65	2.42	2.17	2.03	1.98	1.94	1.94	1.94	1.93	1.92	1.94
Cheese, Am., 40#, CME	1.77	1.84	1.93	1.92	1.91	1.89	1.88	1.87	1.86	1.87	1.87
Nonfat Dry Milk, AA	1.18	1.26	1.38	1.38	1.37	1.36	1.37	1.36	1.36	1.36	1.36
Dry Whey, Central	0.34	0.38	0.41	0.41	0.41	0.40	0.41	0.40	0.40	0.40	0.40
Dairy Product Production											
	(Million Pounds)										
American Cheese	5,753	5,875	5,983	6,097	6,207	6,328	6,412	6,503	6,591	6,692	6,759
Other Cheese	8,438	8,579	8,736	8,897	9,051	9,213	9,330	9,456	9,579	9,723	9,825
Butter	2,121	2,196	2,251	2,307	2,361	2,426	2,451	2,498	2,539	2,596	2,616
Nonfat Dry Milk	2,540	2,679	2,830	2,985	3,089	3,171	3,233	3,294	3,348	3,397	3,447

U.S. Dairy Product Supply and Use

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Butter	(Million Pounds)										
Production	1,860	1,863	1,855	1,850	1,839	1,847	1,968	1,994	2,146	2,063	2,059
Imports	15	12	24	41	52	58	79	84	83	100	106
Domestic Use	1,733	1,737	1,757	1,803	1,846	1,856	1,978	2,027	2,098	2,141	2,004
Total Foreign Use	95	178	130	37	35	47	58	41	47	97	144
Ending Stocks	153	112	105	155	166	169	179	190	274	199	216
Gov't	0	0	0	0	0	0	0	0	0	0	0
Comm.	153	112	105	155	166	169	179	190	274	199	216
CCC Net Rem. inc DEIP	0	0	0	0	0	0	0	0	0	0	0
American Cheese	(Million Pounds)										
Production	4,355	4,420	4,588	4,694	4,769	5,072	5,254	5,232	5,338	5,615	5,640
Imports	25	16	25	38	41	31	29	30	25	28	27
Domestic Use	4,192	4,253	4,382	4,532	4,671	4,938	5,064	5,140	5,159	5,412	5,429
Total Foreign Use	163	200	222	127	114	144	165	173	152	190	257
Ending Stocks	636	618	628	701	726	747	800	750	802	843	825
Gov't	0	0	0	0	0	0	0	0	0	0	0
Comm.	636	618	628	701	726	747	800	750	802	843	825
CCC Net Rem. inc DEIP	0	0	0	0	0	0	0	0	0	0	0
Other Cheese	(Million Pounds)										
Production	6,531	6,682	6,924	7,137	7,413	7,568	7,784	7,905	7,901	8,146	8,422
Imports	243	233	256	307	322	272	276	278	257	291	287
Domestic Use	6,357	6,414	6,591	6,818	7,191	7,172	7,447	7,542	7,505	7,738	7,951
Total Foreign Use	410	497	590	571	517	606	601	613	632	695	737
Ending Stocks	388	391	390	445	472	534	544	572	595	599	620
Nonfat Dry Milk	(Million Pounds)										
Production	2,155	2,119	2,319	2,279	2,321	2,377	2,352	2,440	2,665	2,753	2,635
Imports	4	2	5	2	1	2	3	1	2	1	1
Domestic Use	1,161	944	1,020	1,086	991	949	814	928	844	855	794
Total Foreign Use	980	1,224	1,201	1,230	1,310	1,336	1,570	1,545	1,786	1,937	1,838
Ending Stocks	184	137	242	206	227	322	293	260	297	259	264
Gov't	0	0	0	0	0	0	0	0	0	0	0
Comm.	184	137	242	206	227	322	293	260	297	259	264
CCC Net Rem. inc DEIP	0	0	0	0	0	0	0	0	0	0	0
Per Capita Consumption	(Pounds)										
Butter	5.5	5.5	5.5	5.6	5.7	5.7	6.1	6.1	6.3	6.4	6.0
Nonfat Dry Milk	3.7	3.0	3.2	3.4	3.1	2.9	2.5	2.8	2.5	2.6	2.4
Total Cheese	33.6	33.7	34.4	35.4	36.7	37.2	38.3	38.4	38.2	39.6	40.1
American	13.3	13.4	13.8	14.1	14.5	15.2	15.5	15.6	15.5	16.3	16.3
Other	20.2	20.3	20.7	21.2	22.2	22.1	22.8	22.8	22.6	23.3	23.8
Total Fluid Milk	187.1	183.1	177.0	173.2	170.7	166.4	162.4	158.0	157.8	152.7	148.7
Whole	45.7	45.4	45.1	46.8	49.1	50.0	50.8	51.1	52.5	50.0	50.3
2%	59.5	58.4	56.1	52.2	51.2	49.5	47.9	46.2	47.7	44.0	41.5
Lowfat	61.6	58.2	54.8	53.5	50.2	46.7	43.5	40.4	35.4	34.6	32.8
Other	20.2	21.1	21.1	20.7	20.2	20.2	20.1	20.2	22.1	24.1	24.0
Wholesale Prices	(Cents per Pound)										
Butter, CME	160.3	155.6	216.2	208.9	208.2	232.8	225.0	223.0	157.8	174.5	286.0
Cheese, Am, 40#, CME	169.8	176.3	211.0	161.0	158.0	161.1	154.6	177.8	199.8	171.4	207.4
Nonfat Dry Milk, AA	137.9	171.8	174.1	94.3	85.4	87.6	81.3	106.2	106.1	130.9	170.1
Retail Prices	(Dollars per Pound)										
Cheese, Natural Cheddar	5.63	5.56	5.54	5.38	5.23	4.90	5.14	5.31	5.50	5.44	5.76
Milk, Frsh, Whole Fortified	3.49	3.46	3.69	3.42	3.20	3.23	2.90	3.04	3.32	3.54	4.09

U.S. Dairy Product Supply and Use

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Butter	(Million Pounds)										
Production	2,121	2,196	2,251	2,307	2,361	2,426	2,451	2,498	2,539	2,596	2,616
Imports	114	115	117	118	120	121	123	124	126	127	129
Domestic Use	2,159	2,207	2,239	2,281	2,323	2,376	2,397	2,435	2,471	2,521	2,540
Total Foreign Use	75	93	119	137	151	164	174	182	189	196	202
Ending Stocks	218	230	240	248	255	262	265	270	275	281	284
Gov't	0	0	0	0	0	0	0	0	0	0	0
Comm.	218	230	240	248	255	262	265	270	275	281	284
CCC Net Rem. inc DEIP	0	0	0	0	0	0	0	0	0	0	0
American Cheese	(Million Pounds)										
Production	5,753	5,875	5,983	6,097	6,207	6,328	6,412	6,503	6,591	6,692	6,759
Imports	27	27	27	27	27	27	27	27	27	27	27
Domestic Use	5,550	5,671	5,766	5,859	5,957	6,059	6,135	6,211	6,287	6,376	6,436
Total Foreign Use	221	215	230	245	258	275	289	302	315	326	337
Ending Stocks	834	852	866	886	906	928	943	959	975	993	1,005
Gov't	0	0	0	0	0	0	0	0	0	0	0
Comm.	834	852	866	886	906	928	943	959	975	993	1,005
CCC Net Rem. inc DEIP	0	0	0	0	0	0	0	0	0	0	0
Other Cheese	(Million Pounds)										
Production	8,438	8,579	8,736	8,897	9,051	9,213	9,330	9,456	9,579	9,723	9,825
Imports	277	280	283	286	289	292	294	297	300	303	306
Domestic Use	7,988	8,102	8,235	8,368	8,502	8,640	8,739	8,843	8,947	9,070	9,155
Total Foreign Use	739	752	777	802	826	852	876	900	923	946	969
Ending Stocks	609	614	621	633	645	658	667	677	687	697	705
Nonfat Dry Milk	(Million Pounds)										
Production	2,540	2,679	2,830	2,985	3,089	3,171	3,233	3,294	3,348	3,397	3,447
Imports	2	2	2	2	2	2	2	2	2	2	2
Domestic Use	765	746	722	707	693	679	664	650	636	622	609
Total Foreign Use	1,799	1,935	2,109	2,267	2,388	2,487	2,566	2,641	2,709	2,772	2,834
Ending Stocks	241	241	241	254	264	271	277	282	287	292	297
Gov't	0	0	0	0	0	0	0	0	0	0	0
Comm.	241	241	241	254	264	271	277	282	287	292	297
CCC Net Rem. inc DEIP	0	0	0	0	0	0	0	0	0	0	0
Per Capita Consumption	(Pounds)										
Butter	6.4	6.5	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.2
Nonfat Dry Milk	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7
Total Cheese	40.4	40.9	41.3	41.8	42.2	42.7	43.0	43.3	43.6	44.0	44.2
American	16.6	16.8	17.0	17.2	17.4	17.6	17.7	17.9	18.0	18.2	18.3
Other	23.8	24.0	24.3	24.6	24.8	25.1	25.3	25.5	25.6	25.9	26.0
Total Fluid Milk	145.3	142.4	139.4	136.7	134.1	131.4	128.7	126.1	123.5	120.9	118.5
Whole	50.3	49.6	48.8	48.2	47.7	47.2	46.7	46.2	45.6	45.2	44.8
2%	40.0	39.4	38.8	38.2	37.6	37.0	36.3	35.7	35.1	34.5	33.8
Lowfat	31.3	30.1	28.8	27.5	26.3	25.0	23.8	22.6	21.4	20.3	19.1
Other	23.6	23.4	23.0	22.8	22.5	22.2	21.9	21.6	21.3	21.1	20.8
Wholesale Prices	(Cents per Pound)										
Butter, CME	264.6	241.9	216.9	203.1	198.3	194.5	193.9	193.6	193.1	192.4	194.1
Cheese, Am, 40#, CME	176.5	184.0	192.7	191.6	190.6	188.6	188.2	187.2	186.4	186.7	186.7
Nonfat Dry Milk, AA	118.0	125.5	138.4	138.2	136.5	136.1	136.6	136.4	136.3	136.3	136.2
Retail Prices	(Dollars per Pound)										
Cheese, Natural Cheddar	5.86	5.94	6.04	6.09	6.15	6.22	6.30	6.39	6.48	6.60	6.72
Milk, Frsh, Whole Fortified	4.00	4.03	4.08	4.09	4.12	4.16	4.22	4.28	4.34	4.42	4.50

U.S. Milk Component Supply and Use

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Million Pounds)										
Milk Production	200,642	201,260	206,048	208,508	212,451	215,527	217,568	218,441	223,309	226,293	226,462
% Fat	3.72%	3.76%	3.74%	3.75%	3.79%	3.84%	3.89%	3.92%	3.95%	4.01%	4.08%
Total Milk Fat Production	7,454	7,559	7,702	7,813	8,058	8,279	8,468	8,566	8,821	9,072	9,248
Milk Fat Supply and Use											
Production	7,454	7,559	7,702	7,813	8,058	8,279	8,468	8,566	8,821	9,072	9,248
Farm Use	36	37	36	36	38	38	40	40	43	41	41
Imports	153	142	164	216	263	230	245	271	267	262	288
Net Removals	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	7,208	7,250	7,374	7,598	7,941	8,087	8,248	8,445	8,588	8,874	8,939
Exports	315	452	454	318	319	354	403	357	365	461	545
Ending Stocks	439	401	403	479	503	535	557	553	645	602	614
Milk Production	200,642	201,260	206,048	208,508	212,451	215,527	217,568	218,441	223,309	226,293	226,462
% SNF	8.85%	8.87%	8.87%	8.86%	8.88%	8.90%	8.92%	8.93%	8.94%	8.99%	9.03%
Total Skim Solids Supply	17,750	17,853	18,273	18,481	18,874	19,190	19,404	19,508	19,975	20,338	20,442
Skim Solids Supply and Use											
Production	17,750	17,853	18,273	18,481	18,874	19,190	19,404	19,508	19,975	20,338	20,442
Farm Use	85	87	86	86	88	88	91	91	97	93	90
Imports	505	472	500	532	578	540	490	519	501	518	608
Net Removals	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	15,141	14,848	15,055	15,636	15,853	15,803	15,923	16,270	16,090	16,189	16,133
Exports	2,949	3,423	3,468	3,315	3,474	3,634	3,980	3,710	4,222	4,550	4,772
Ending Stocks	712	679	844	819	857	1,062	962	918	984	1,009	1,064
Min. FMMO Class Prices (Dollars per Hundredweight)											
Class I Mover	17.46	18.84	23.29	16.34	14.80	16.45	14.84	16.99	16.91	16.83	23.66
Class II	16.64	19.42	23.34	15.48	14.35	16.04	14.80	16.76	14.29	16.44	25.27
Class III	17.44	17.99	22.34	15.80	14.87	16.17	14.61	16.96	18.16	17.08	21.96
Class IV	16.01	19.05	22.09	14.35	13.77	15.16	14.23	16.30	13.49	16.09	24.47
All Milk Price	18.56	20.11	24.07	17.21	16.34	17.69	16.28	18.65	18.16	18.53	25.34

U.S. Milk Component Supply and Use

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Million Pounds)										
Milk Production	227,148	230,934	234,533	238,313	241,756	245,614	247,923	250,753	253,449	256,716	258,538
% Fat	4.14%	4.15%	4.16%	4.17%	4.17%	4.18%	4.18%	4.19%	4.19%	4.20%	4.20%
Total Milk Fat Production	9,412	9,592	9,765	9,935	10,090	10,264	10,372	10,503	10,629	10,779	10,868
Milk Fat Supply and Use											
Production	9,412	9,592	9,765	9,935	10,090	10,264	10,372	10,503	10,629	10,779	10,868
Farm Use	43	43	43	43	43	43	43	43	43	43	43
Imports	296	298	300	302	304	306	307	309	311	313	315
Net Removals	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	9,206	9,354	9,486	9,622	9,752	9,897	9,992	10,103	10,213	10,345	10,426
Exports	458	477	522	555	584	613	635	655	674	691	707
Ending Stocks	615	632	646	663	678	695	705	717	728	742	750
Milk Production	227,148	230,934	234,533	238,313	241,756	245,614	247,923	250,753	253,449	256,716	258,538
% SNF	9.04%	9.05%	9.06%	9.06%	9.07%	9.07%	9.08%	9.08%	9.09%	9.09%	9.10%
Total Skim Solids Supply	20,538	20,898	21,241	21,601	21,925	22,287	22,509	22,779	23,036	23,346	23,525
Skim Solids Supply and Use											
Production	20,538	20,898	21,241	21,601	21,925	22,287	22,509	22,779	23,036	23,346	23,525
Farm Use	94	94	94	94	94	94	94	94	94	94	94
Imports	623	624	624	625	626	627	628	629	630	630	631
Net Removals	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	16,378	16,499	16,550	16,623	16,724	16,888	16,945	17,050	17,157	17,321	17,358
Exports	4,711	4,921	5,216	5,488	5,716	5,915	6,086	6,250	6,403	6,550	6,694
Ending Stocks	1,042	1,049	1,055	1,078	1,096	1,113	1,126	1,139	1,151	1,164	1,174
Min. FMMO Class Prices (Dollars per Hundredweight)											
Class I Mover	19.15	19.06	19.56	19.16	18.93	18.70	18.70	18.63	18.57	18.58	18.61
Class II	20.17	19.44	19.49	18.88	18.54	18.34	18.36	18.33	18.29	18.27	18.33
Class III	17.19	17.95	18.90	18.71	18.59	18.34	18.31	18.20	18.12	18.15	18.16
Class IV	19.28	18.74	18.79	18.18	17.84	17.64	17.66	17.63	17.59	17.57	17.63
All Milk Price	20.68	20.84	21.49	21.16	20.96	20.74	20.72	20.64	20.58	20.59	20.62

State Level Dairy Cows

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand Head)										
Alabama	10	9	8	8	7	6	5	5	3	3	3
Alaska	0	0	0	0	0	0	0	0	0	0	0
Arizona	188	190	196	199	201	208	208	198	200	198	197
Arkansas	10	9	7	7	6	6	6	5	5	5	4
California	1,782	1,780	1,780	1,776	1,762	1,749	1,734	1,725	1,722	1,720	1,722
Colorado	133	137	144	148	153	162	176	186	197	203	205
Connecticut	18	18	19	19	19	19	19	19	19	19	18
Delaware	5	5	5	5	5	5	5	4	4	3	3
Florida	123	123	123	125	123	124	120	116	113	108	97
Georgia	80	80	81	83	84	84	83	82	81	82	92
Hawaii	2	2	2	2	2	2	2	1	1	1	1
Idaho	580	573	575	585	595	600	609	625	645	652	656
Illinois	98	96	94	94	94	93	90	84	83	82	80
Indiana	175	176	178	182	184	187	183	178	183	192	186
Iowa	205	208	207	211	213	218	220	218	218	226	234
Kansas	126	134	141	143	146	152	159	163	170	172	173
Kentucky	74	71	63	61	58	56	55	50	48	46	45
Louisiana	17	16	15	14	12	12	11	10	10	9	9
Maine	33	31	30	30	30	30	30	29	27	27	26
Maryland	51	50	50	49	48	48	45	43	42	42	41
Massachusetts	12	13	13	12	12	12	11	10	10	10	9
Michigan	375	380	390	408	419	427	423	426	430	441	428
Minnesota	465	464	460	460	461	458	453	448	448	461	453
Mississippi	14	14	13	11	10	9	9	8	8	7	7
Missouri	94	92	90	88	85	85	83	78	76	71	67
Montana	14	14	14	14	14	13	12	12	12	11	10
Nebraska	56	54	54	57	60	60	60	58	59	58	57
Nevada	29	29	29	29	30	32	32	33	33	33	32
New Hampshire	14	13	14	14	14	13	12	11	11	11	10
New Jersey	7	7	7	7	7	6	6	5	5	4	4
New Mexico	330	323	323	323	315	329	330	326	330	318	288
New York	610	610	615	618	620	624	624	627	626	627	624
North Carolina	46	46	46	47	46	45	44	42	41	40	39
North Dakota	18	18	16	16	16	16	15	15	15	15	14
Ohio	270	270	267	267	265	264	259	251	254	257	250
Oklahoma	48	45	40	39	37	40	40	41	42	39	39
Oregon	123	123	124	125	125	124	123	126	126	125	126
Pennsylvania	536	533	530	530	529	525	519	490	482	474	468
Rhode Island	1	1	1	1	1	1	1	1	1	1	1
South Carolina	16	16	16	15	15	15	14	12	10	9	9
South Dakota	92	94	97	106	115	117	121	125	135	156	180
Tennessee	50	48	46	45	42	40	37	32	30	28	27
Texas	436	437	463	463	477	515	537	565	595	622	646
Utah	95	95	95	96	91	96	100	98	96	96	93
Vermont	133	134	132	132	130	129	127	126	122	120	118
Virginia	96	95	93	91	90	87	83	75	75	73	70
Washington	262	266	273	277	276	274	277	280	280	271	259
West Virginia	10	10	9	9	9	8	7	6	6	5	5
Wisconsin	1,270	1,271	1,271	1,279	1,279	1,278	1,274	1,268	1,259	1,274	1,272
Wyoming	6	6	6	6	6	6	6	6	8	9	9
United States	9,237	9,224	9,261	9,320	9,334	9,406	9,398	9,337	9,392	9,449	9,402

State Level Dairy Cows

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand Head)										
Alabama	2	2	2	2	2	1	1	1	1	1	1
Alaska	0	0	0	0	0	0	0	0	0	0	0
Arizona	198	198	200	202	204	206	207	208	209	210	211
Arkansas	3	2	2	1	1	1	1	1	1	1	1
California	1,717	1,707	1,707	1,711	1,712	1,710	1,705	1,699	1,693	1,686	1,679
Colorado	200	197	197	199	201	205	208	211	215	218	221
Connecticut	18	18	17	17	17	17	16	16	16	16	16
Delaware	3	3	3	3	3	3	3	3	3	3	3
Florida	94	94	94	94	95	95	95	95	94	94	94
Georgia	93	93	94	95	95	95	96	96	96	96	96
Hawaii	1	1	1	1	1	1	1	1	1	1	1
Idaho	668	675	688	703	715	725	733	740	746	751	755
Illinois	79	78	77	76	75	74	73	72	71	70	69
Indiana	189	192	195	196	197	198	198	199	200	201	202
Iowa	240	244	249	253	257	261	263	265	267	268	269
Kansas	174	175	178	181	184	187	190	193	196	199	202
Kentucky	45	43	42	41	40	38	37	36	34	33	32
Louisiana	8	7	6	5	5	4	4	3	3	3	2
Maine	25	24	23	22	22	21	21	20	20	19	19
Maryland	40	39	39	38	37	37	36	36	35	35	34
Massachusetts	9	9	9	8	8	8	8	8	8	7	7
Michigan	438	444	447	450	452	454	456	457	458	459	460
Minnesota	452	452	453	453	454	454	454	454	453	453	452
Mississippi	6	5	4	4	3	3	2	2	2	1	1
Missouri	63	59	57	55	53	52	50	48	46	44	42
Montana	10	9	9	9	9	9	9	9	9	9	9
Nebraska	55	53	52	52	52	52	52	51	51	51	51
Nevada	35	36	36	36	36	37	37	37	37	37	37
New Hampshire	10	10	10	10	10	10	10	9	9	9	9
New Jersey	4	4	3	3	3	3	2	2	2	2	1
New Mexico	274	265	263	263	263	262	261	260	259	258	258
New York	630	633	635	636	636	636	636	635	634	633	631
North Carolina	38	38	37	37	36	36	35	35	35	34	34
North Dakota	12	11	10	9	8	8	7	6	6	5	4
Ohio	253	253	253	254	253	253	252	251	249	248	246
Oklahoma	39	38	38	38	38	37	37	36	36	36	35
Oregon	121	121	122	122	122	123	123	123	123	123	123
Pennsylvania	466	464	463	462	461	459	456	453	451	448	444
Rhode Island	1	1	1	1	1	1	0	0	0	0	0
South Carolina	9	8	8	7	7	7	6	6	6	6	6
South Dakota	193	202	213	225	238	251	263	275	286	297	308
Tennessee	25	24	22	21	20	18	16	15	13	11	9
Texas	642	649	664	681	695	708	719	729	737	744	750
Utah	93	91	91	91	90	90	90	90	89	89	89
Vermont	117	117	117	117	116	116	115	115	115	114	114
Virginia	68	66	65	64	63	62	61	60	59	59	58
Washington	257	256	256	256	256	256	256	256	255	255	254
West Virginia	5	4	4	3	3	3	2	2	2	1	1
Wisconsin	1,269	1,266	1,266	1,267	1,268	1,269	1,268	1,268	1,267	1,265	1,263
Wyoming	9	10	10	10	10	10	10	10	10	10	10
United States	9,397	9,390	9,429	9,485	9,528	9,562	9,582	9,597	9,607	9,613	9,614

State Level Milk Production per Cow

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Thousand Pounds)										
Alabama	13,000	13,000	13,625	12,625	13,429	15,000	13,581	12,973	12,847	13,565	12,800
Alaska	14,250	10,667	11,667	11,667	11,667	9,667	10,182	10,667	12,000	13,000	10,667
Arizona	23,979	23,626	24,000	23,794	24,065	24,197	23,937	24,096	24,506	24,364	24,285
Arkansas	13,300	11,889	13,857	13,000	13,667	13,333	13,156	12,762	12,800	12,632	11,250
California	23,457	23,178	23,786	23,028	22,968	22,755	23,298	23,533	23,990	24,345	24,263
Colorado	24,158	24,292	24,951	25,385	25,654	25,858	25,929	25,879	26,109	26,017	25,985
Connecticut	19,889	20,556	20,158	20,842	21,526	22,105	22,039	22,090	22,902	23,046	23,401
Delaware	19,542	19,542	20,104	19,780	19,100	18,560	18,964	17,867	18,675	17,627	17,815
Florida	19,024	19,374	20,390	20,664	20,293	20,129	19,792	20,224	20,275	20,186	20,031
Georgia	19,138	19,600	20,877	21,578	21,786	21,905	21,406	21,730	21,809	22,061	22,164
Hawaii	14,200	13,409	13,591	15,909	14,542	16,913	17,165	3,086	4,000	4,296	3,714
Idaho	23,376	23,440	24,127	24,126	24,647	24,388	24,860	25,001	25,174	25,172	25,338
Illinois	19,061	19,063	19,681	20,149	20,340	20,742	20,809	20,934	21,595	21,520	21,492
Indiana	21,440	21,761	21,669	21,786	22,527	22,754	22,723	22,931	23,651	23,641	23,694
Iowa	22,015	22,149	22,449	22,929	23,634	23,757	23,955	24,271	24,651	24,532	24,658
Kansas	21,683	21,888	22,085	22,210	22,801	23,020	23,394	23,429	23,682	23,831	23,948
Kentucky	15,135	15,070	15,905	17,656	18,052	18,607	18,429	18,746	19,665	19,847	20,464
Louisiana	13,059	12,875	13,600	13,500	14,167	13,417	13,363	13,012	13,570	13,440	13,176
Maine	18,576	19,581	19,967	19,800	21,000	21,000	20,773	21,414	21,963	21,585	21,515
Maryland	19,196	19,520	19,820	20,143	20,021	19,917	20,442	19,765	20,852	20,734	20,790
Massachusetts	18,250	17,846	17,923	18,083	18,417	17,583	18,157	18,829	20,000	20,000	20,053
Michigan	23,976	24,116	24,638	25,150	25,957	26,302	26,393	26,741	27,190	27,133	27,430
Minnesota	19,512	19,694	19,841	20,570	20,967	21,544	21,796	22,172	22,720	22,859	23,115
Mississippi	14,214	13,286	14,462	15,000	14,300	15,222	14,957	15,273	15,642	14,373	13,846
Missouri	14,979	14,772	15,478	15,091	14,847	14,600	14,473	14,103	14,323	14,276	14,150
Montana	21,357	21,286	21,500	21,357	21,071	22,154	22,367	22,280	22,087	22,091	22,025
Nebraska	21,179	21,574	22,130	22,930	23,317	24,067	24,202	24,189	24,641	24,429	24,734
Nevada	22,931	22,034	23,828	23,069	22,000	22,156	22,760	23,267	23,879	25,313	24,813
New Hampshire	19,643	20,923	20,143	20,143	20,500	21,000	20,327	21,244	21,455	21,619	21,630
New Jersey	18,571	18,143	18,143	18,286	17,429	19,833	19,130	20,725	21,604	20,930	20,471
New Mexico	24,694	24,944	25,093	24,245	24,479	24,960	25,087	25,133	24,736	24,560	24,798
New York	21,623	22,085	22,340	22,788	23,834	23,925	23,868	24,128	24,435	24,785	25,116
North Carolina	20,435	20,326	20,891	20,957	20,978	21,156	21,417	21,476	22,099	23,215	23,385
North Dakota	19,278	18,944	20,250	20,750	21,500	21,563	21,724	22,102	22,237	22,333	22,584
Ohio	19,833	20,178	20,318	20,614	21,140	21,284	21,380	21,614	22,096	21,967	22,098
Oklahoma	17,896	17,311	18,150	18,718	18,703	18,200	18,012	17,721	17,663	17,962	18,217
Oregon	20,431	20,439	20,565	20,408	20,744	20,395	20,619	20,996	21,012	20,934	21,004
Pennsylvania	19,549	19,797	20,121	20,377	20,439	20,749	20,554	20,629	21,315	21,360	21,281
Rhode Island	16,636	19,000	19,000	17,667	17,625	16,250	15,862	16,960	20,762	20,200	20,000
South Carolina	17,250	16,500	16,500	17,467	16,667	16,533	16,982	17,532	17,928	17,644	17,889
South Dakota	21,391	21,521	21,753	22,264	22,139	22,376	22,410	22,570	23,068	23,090	23,085
Tennessee	16,100	15,938	16,196	16,489	16,571	17,325	17,020	17,354	18,218	17,982	18,467
Texas	22,009	21,991	22,268	22,248	22,585	23,406	23,970	24,502	24,956	25,069	25,579
Utah	22,863	22,432	22,989	23,125	22,989	23,073	23,220	23,120	23,290	23,288	23,260
Vermont	19,316	19,448	20,197	20,197	20,977	21,155	21,126	21,490	21,336	21,436	21,644
Virginia	17,990	18,337	19,151	19,473	19,144	19,954	19,640	19,867	20,361	20,290	20,489
Washington	23,794	23,820	24,088	23,848	24,094	23,836	24,296	24,268	24,390	24,044	24,112
West Virginia	15,400	15,200	15,556	15,667	14,889	15,875	15,857	14,694	14,833	15,000	15,000
Wisconsin	21,436	21,693	21,869	22,697	23,542	23,735	24,007	24,133	24,433	24,898	25,060
Wyoming	20,650	21,367	21,583	22,567	23,300	23,033	23,700	24,433	25,173	25,918	25,903
United States	21,722	21,819	22,249	22,372	22,761	22,914	23,152	23,395	23,777	23,950	24,087

State Level Milk Production per Cow

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Thousand Pounds)										
Alabama	12,890	13,124	13,143	13,188	13,235	13,346	13,325	13,373	13,421	13,538	13,516
Alaska	10,363	10,823	11,041	11,081	11,126	11,230	11,231	11,295	11,356	11,488	11,482
Arizona	24,352	24,561	24,664	24,745	24,827	24,973	24,993	25,081	25,169	25,326	25,345
Arkansas	11,602	11,927	12,099	12,146	12,194	12,307	12,288	12,338	12,387	12,507	12,487
California	23,982	24,376	24,529	24,650	24,772	24,956	25,015	25,143	25,269	25,466	25,525
Colorado	25,999	26,311	26,507	26,683	26,858	27,095	27,205	27,382	27,559	27,807	27,915
Connecticut	23,482	23,781	23,986	24,160	24,337	24,577	24,694	24,879	25,063	25,317	25,432
Delaware	18,328	18,577	18,748	18,901	19,055	19,272	19,366	19,528	19,690	19,921	20,013
Florida	20,466	20,889	21,170	21,364	21,563	21,825	21,973	22,186	22,397	22,678	22,822
Georgia	22,498	22,910	23,213	23,464	23,718	24,037	24,235	24,500	24,764	25,098	25,293
Hawaii	3,579	3,820	3,896	3,924	3,959	4,058	4,034	4,076	4,116	4,225	4,196
Idaho	25,316	25,705	25,944	26,119	26,293	26,526	26,638	26,817	26,995	27,245	27,356
Illinois	21,583	21,891	22,121	22,331	22,539	22,808	22,952	23,163	23,375	23,657	23,799
Indiana	23,903	24,240	24,488	24,747	25,007	25,331	25,522	25,781	26,041	26,371	26,561
Iowa	24,736	25,186	25,484	25,727	25,968	26,268	26,447	26,693	26,939	27,256	27,434
Kansas	23,802	24,225	24,521	24,780	25,039	25,359	25,554	25,818	26,081	26,414	26,609
Kentucky	20,626	20,931	21,153	21,394	21,637	21,944	22,119	22,363	22,607	22,920	23,095
Louisiana	13,470	13,561	13,635	13,703	13,774	13,909	13,922	14,002	14,081	14,230	14,241
Maine	22,157	22,558	22,825	23,056	23,289	23,585	23,761	24,004	24,246	24,559	24,733
Maryland	21,011	21,286	21,485	21,695	21,905	22,180	22,325	22,538	22,751	23,034	23,178
Massachusetts	19,984	20,103	20,157	20,242	20,328	20,478	20,495	20,581	20,667	20,823	20,839
Michigan	27,639	28,047	28,364	28,686	29,008	29,392	29,646	29,967	30,289	30,681	30,934
Minnesota	23,250	23,685	24,012	24,307	24,600	24,950	25,174	25,466	25,758	26,122	26,346
Mississippi	12,987	13,773	14,209	14,288	14,371	14,518	14,547	14,643	14,737	14,901	14,927
Missouri	13,944	14,165	14,264	14,300	14,337	14,437	14,413	14,456	14,498	14,610	14,584
Montana	21,638	22,181	22,328	22,492	22,656	22,883	22,978	23,142	23,305	23,539	23,633
Nebraska	24,887	25,265	25,546	25,822	26,099	26,437	26,645	26,922	27,199	27,546	27,753
Nevada	22,523	23,837	24,224	24,543	24,861	25,239	25,498	25,823	26,148	26,544	26,800
New Hampshire	20,989	21,524	21,610	21,719	21,830	22,004	22,046	22,157	22,268	22,449	22,490
New Jersey	20,984	21,270	21,481	21,681	21,883	22,149	22,291	22,501	22,710	22,989	23,129
New Mexico	24,656	25,001	25,215	25,389	25,560	25,792	25,899	26,074	26,249	26,495	26,602
New York	25,657	26,033	26,319	26,614	26,911	27,272	27,501	27,800	28,098	28,466	28,694
North Carolina	23,374	23,689	23,910	24,117	24,326	24,599	24,746	24,960	25,174	25,458	25,604
North Dakota	22,963	23,478	23,893	24,244	24,591	24,992	25,274	25,622	25,970	26,390	26,670
Ohio	22,393	22,755	23,031	23,289	23,548	23,868	24,061	24,322	24,583	24,914	25,106
Oklahoma	17,769	18,073	18,284	18,445	18,608	18,830	18,932	19,100	19,267	19,505	19,604
Oregon	20,995	21,272	21,440	21,568	21,697	21,887	21,955	22,089	22,223	22,428	22,493
Pennsylvania	21,326	21,578	21,739	21,899	22,061	22,286	22,383	22,548	22,712	22,947	23,042
Rhode Island	19,323	19,479	19,592	19,693	19,797	19,964	20,008	20,119	20,230	20,410	20,452
South Carolina	17,808	18,078	18,288	18,462	18,639	18,880	19,001	19,188	19,375	19,631	19,749
South Dakota	23,036	23,461	23,805	24,095	24,383	24,728	24,951	25,240	25,529	25,890	26,111
Tennessee	18,469	18,712	18,876	19,055	19,236	19,481	19,595	19,777	19,960	20,212	20,325
Texas	25,778	26,323	26,738	27,130	27,522	27,974	28,300	28,693	29,086	29,550	29,874
Utah	23,211	23,489	23,673	23,850	24,027	24,265	24,374	24,552	24,729	24,977	25,085
Vermont	21,641	21,915	22,104	22,304	22,505	22,770	22,905	23,109	23,312	23,585	23,718
Virginia	20,998	21,247	21,421	21,606	21,793	22,044	22,165	22,354	22,542	22,800	22,920
Washington	24,131	24,432	24,602	24,741	24,880	25,082	25,159	25,303	25,447	25,662	25,737
West Virginia	14,684	14,894	14,971	15,023	15,075	15,191	15,183	15,244	15,303	15,433	15,424
Wisconsin	25,367	25,923	26,365	26,752	27,135	27,574	27,891	28,274	28,658	29,115	29,430
Wyoming	26,325	26,876	27,326	27,774	28,222	28,732	29,112	29,561	30,009	30,528	30,907
United States	24,172	24,593	24,874	25,124	25,375	25,686	25,873	26,127	26,381	26,706	26,891

State Level Milk Production

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Million Pounds)										
Alabama	130	117	109	101	94	90	73	60	44	39	32
Alaska	6	3	4	4	4	3	3	2	2	3	2
Arizona	4,508	4,489	4,704	4,735	4,837	5,033	4,973	4,771	4,889	4,818	4,772
Arkansas	133	107	97	91	82	80	74	67	64	60	45
California	41,801	41,256	42,339	40,897	40,469	39,798	40,404	40,595	41,311	41,861	41,787
Colorado	3,213	3,328	3,593	3,757	3,925	4,189	4,557	4,807	5,150	5,275	5,314
Connecticut	358	370	383	396	409	420	427	428	438	435	430
Delaware	94	94	97	99	96	93	92	74	71	52	48
Florida	2,340	2,383	2,508	2,583	2,496	2,496	2,380	2,346	2,286	2,170	1,933
Georgia	1,531	1,568	1,691	1,791	1,830	1,840	1,766	1,771	1,772	1,798	2,028
Hawaii	28	30	30	35	35	39	34	3	3	3	3
Idaho	13,558	13,431	13,873	14,114	14,665	14,633	15,146	15,632	16,237	16,412	16,628
Illinois	1,868	1,830	1,850	1,894	1,912	1,929	1,878	1,748	1,787	1,770	1,714
Indiana	3,752	3,830	3,857	3,965	4,145	4,255	4,164	4,076	4,334	4,539	4,413
Iowa	4,513	4,607	4,647	4,838	5,034	5,179	5,270	5,291	5,374	5,538	5,770
Kansas	2,732	2,933	3,114	3,176	3,329	3,499	3,708	3,819	4,026	4,099	4,143
Kentucky	1,120	1,070	1,002	1,077	1,047	1,042	1,009	942	939	908	926
Louisiana	222	206	204	189	170	161	152	135	134	126	112
Maine	613	607	599	594	630	630	618	621	593	572	554
Maryland	979	976	991	987	961	956	925	840	881	876	842
Massachusetts	219	232	233	217	221	211	202	193	200	195	188
Michigan	8,991	9,164	9,609	10,261	10,876	11,231	11,171	11,385	11,685	11,952	11,740
Minnesota	9,073	9,138	9,127	9,462	9,666	9,867	9,868	9,922	10,167	10,538	10,477
Mississippi	199	186	188	165	143	137	129	126	131	106	90
Missouri	1,408	1,359	1,393	1,328	1,262	1,241	1,194	1,100	1,085	1,010	941
Montana	299	298	301	299	295	288	274	259	254	243	223
Nebraska	1,186	1,165	1,195	1,307	1,399	1,444	1,440	1,409	1,460	1,423	1,416
Nevada	665	639	691	669	660	709	734	762	788	829	794
New Hampshire	275	272	282	282	287	273	249	239	236	227	219
New Jersey	130	127	127	128	122	119	110	100	101	90	87
New Mexico	8,149	8,057	8,105	7,831	7,711	8,212	8,285	8,187	8,169	7,804	7,148
New York	13,190	13,472	13,739	14,083	14,777	14,929	14,882	15,122	15,296	15,540	15,660
North Carolina	940	935	961	985	965	952	937	902	895	917	912
North Dakota	347	341	324	332	344	345	334	326	328	335	319
Ohio	5,355	5,448	5,425	5,504	5,602	5,619	5,532	5,425	5,618	5,640	5,519
Oklahoma	859	779	726	730	692	728	725	731	733	705	715
Oregon	2,513	2,514	2,550	2,551	2,593	2,529	2,531	2,635	2,637	2,622	2,636
Pennsylvania	10,478	10,552	10,664	10,800	10,812	10,893	10,657	10,108	10,279	10,114	9,949
Rhode Island	18	17	17	16	14	13	12	11	11	10	10
South Carolina	276	264	264	262	250	248	242	206	186	161	161
South Dakota	1,968	2,023	2,110	2,360	2,546	2,618	2,706	2,810	3,120	3,602	4,161
Tennessee	805	765	745	742	696	693	634	551	542	508	494
Texas	9,596	9,610	10,310	10,301	10,773	12,054	12,860	13,850	14,855	15,599	16,524
Utah	2,172	2,131	2,184	2,220	2,092	2,215	2,322	2,260	2,230	2,224	2,169
Vermont	2,569	2,606	2,666	2,666	2,727	2,729	2,683	2,697	2,603	2,567	2,554
Virginia	1,727	1,742	1,781	1,772	1,723	1,736	1,635	1,490	1,522	1,471	1,424
Washington	6,234	6,336	6,576	6,606	6,650	6,531	6,736	6,783	6,817	6,504	6,239
West Virginia	154	152	140	141	134	127	111	90	89	75	75
Wisconsin	27,224	27,572	27,795	29,030	30,110	30,333	30,579	30,588	30,749	31,708	31,882
Wyoming	124	128	130	135	140	138	142	147	189	220	240
United States	200,642	201,260	206,048	208,508	212,451	215,527	217,568	218,441	223,309	226,293	226,462

State Level Milk Production

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Million Pounds)										
Alabama	29	27	24	22	20	18	16	14	13	11	10
Alaska	2	2	2	2	2	2	2	2	2	2	2
Arizona	4,819	4,866	4,929	5,003	5,066	5,136	5,172	5,220	5,266	5,325	5,354
Arkansas	34	27	22	18	15	14	13	12	11	10	9
California	41,187	41,613	41,860	42,173	42,402	42,677	42,651	42,726	42,785	42,949	42,865
Colorado	5,206	5,192	5,224	5,302	5,408	5,541	5,658	5,788	5,917	6,060	6,173
Connecticut	422	419	415	412	409	409	406	404	403	404	402
Delaware	48	49	49	50	50	50	50	51	51	51	51
Florida	1,928	1,961	1,992	2,018	2,041	2,068	2,081	2,099	2,116	2,139	2,148
Georgia	2,095	2,142	2,183	2,221	2,255	2,293	2,317	2,346	2,373	2,406	2,424
Hawaii	3	3	3	3	3	3	3	3	2	2	2
Idaho	16,904	17,362	17,862	18,358	18,794	19,230	19,526	19,841	20,129	20,450	20,645
Illinois	1,707	1,704	1,698	1,698	1,696	1,695	1,682	1,674	1,665	1,660	1,644
Indiana	4,523	4,659	4,772	4,862	4,930	5,011	5,065	5,137	5,210	5,301	5,366
Iowa	5,939	6,139	6,337	6,519	6,682	6,846	6,961	7,083	7,195	7,316	7,391
Kansas	4,136	4,237	4,353	4,480	4,605	4,743	4,856	4,983	5,112	5,257	5,376
Kentucky	918	908	894	878	860	843	819	798	776	756	731
Louisiana	103	93	83	75	68	61	54	48	42	37	32
Maine	545	533	521	511	503	497	489	484	480	478	473
Maryland	836	833	828	825	821	820	812	807	802	800	792
Massachusetts	181	176	172	168	165	163	160	157	155	154	152
Michigan	12,094	12,455	12,692	12,906	13,109	13,342	13,505	13,693	13,876	14,086	14,226
Minnesota	10,504	10,705	10,877	11,023	11,160	11,326	11,425	11,550	11,671	11,821	11,903
Mississippi	74	69	62	55	48	41	35	29	24	20	15
Missouri	873	842	816	792	767	744	715	690	666	646	620
Montana	210	209	208	209	209	210	209	209	209	210	209
Nebraska	1,362	1,342	1,339	1,350	1,360	1,372	1,377	1,385	1,394	1,406	1,411
Nevada	795	861	873	888	904	924	939	955	971	988	1,001
New Hampshire	210	213	212	211	211	211	210	209	209	209	208
New Jersey	84	78	73	68	62	57	52	47	42	37	32
New Mexico	6,758	6,631	6,636	6,680	6,716	6,761	6,763	6,783	6,804	6,844	6,850
New York	16,160	16,481	16,712	16,927	17,122	17,352	17,482	17,648	17,807	18,004	18,108
North Carolina	896	891	886	884	882	882	877	875	874	875	871
North Dakota	278	254	235	220	204	190	174	159	145	132	118
Ohio	5,656	5,759	5,831	5,905	5,966	6,034	6,058	6,095	6,126	6,170	6,175
Oklahoma	691	694	697	700	701	703	699	697	694	693	686
Oregon	2,549	2,580	2,605	2,631	2,655	2,685	2,696	2,715	2,732	2,757	2,764
Pennsylvania	9,937	10,019	10,068	10,122	10,160	10,221	10,211	10,225	10,234	10,270	10,238
Rhode Island	10	10	10	10	10	10	10	10	10	10	10
South Carolina	152	145	140	135	131	127	122	119	115	112	109
South Dakota	4,447	4,732	5,071	5,431	5,811	6,205	6,562	6,933	7,301	7,689	8,034
Tennessee	469	446	424	402	377	350	319	288	255	222	186
Texas	16,539	17,072	17,747	18,464	19,130	19,807	20,347	20,905	21,433	21,988	22,414
Utah	2,151	2,144	2,147	2,162	2,174	2,190	2,192	2,200	2,208	2,222	2,225
Vermont	2,543	2,564	2,579	2,599	2,615	2,639	2,645	2,659	2,672	2,693	2,697
Virginia	1,425	1,408	1,393	1,384	1,375	1,369	1,355	1,347	1,339	1,336	1,325
Washington	6,212	6,251	6,289	6,336	6,377	6,430	6,443	6,472	6,498	6,540	6,545
West Virginia	67	60	54	49	44	39	34	30	26	22	18
Wisconsin	32,189	32,820	33,374	33,901	34,403	34,982	35,377	35,846	36,299	36,833	37,177
Wyoming	248	256	264	273	281	289	295	302	309	316	322
United States	227,148	230,934	234,533	238,313	241,756	245,614	247,923	250,753	253,449	256,716	258,538

State Level All Milk Prices

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	(Dollars per Hundredweight)										
Alabama	21.60	23.70	27.80	19.50	17.10	18.60	16.60	18.60	18.30	19.30	27.50
Alaska	24.00	22.00	21.90	22.00	21.90	22.00	22.00	24.28	23.15	24.21	30.84
Arizona	17.60	19.50	23.20	16.00	15.10	16.70	15.50	17.90	16.20	17.60	25.20
Arkansas	18.40	20.80	25.50	18.10	16.60	18.70	17.00	18.50	17.80	18.70	26.90
California	16.52	18.48	22.12	15.40	15.00	16.50	15.78	18.20	17.60	18.10	24.90
Colorado	18.60	20.20	24.00	17.80	16.70	18.10	16.70	18.80	17.40	18.70	25.60
Connecticut	19.70	21.60	26.10	18.40	17.00	18.70	17.10	19.20	18.00	19.20	26.90
Delaware	19.00	20.50	24.10	17.30	16.10	17.60	16.10	18.30	17.10	17.90	25.20
Florida	22.30	23.90	28.20	21.30	19.60	21.50	19.90	21.90	21.30	21.70	29.10
Georgia	19.90	21.60	26.40	20.00	17.50	19.00	17.10	20.00	19.80	20.50	28.60
Hawaii	34.20	34.40	35.40	28.80	26.40	28.60	28.00	30.14	28.59	30.15	37.19
Idaho	17.90	19.20	23.10	16.70	16.10	17.20	15.70	18.30	18.40	18.70	25.80
Illinois	19.40	20.70	24.70	17.70	16.60	18.30	16.50	18.70	18.00	18.20	25.40
Indiana	19.10	20.80	24.30	17.20	16.20	17.70	15.70	18.20	17.40	18.50	25.60
Iowa	19.20	20.50	24.60	17.30	16.60	18.10	16.50	19.40	19.50	18.80	24.50
Kansas	19.00	20.20	24.00	16.90	16.00	16.90	15.30	17.50	17.10	17.00	24.30
Kentucky	19.80	21.50	25.80	18.80	17.20	18.90	17.50	19.50	18.70	19.30	26.40
Louisiana	19.60	21.90	26.20	19.00	16.70	18.70	17.20	19.10	18.70	18.70	27.20
Maine	20.40	22.30	26.80	20.20	18.60	19.50	17.90	19.90	19.40	19.70	24.70
Maryland	19.30	20.90	25.00	17.60	16.40	17.80	16.20	18.40	17.40	18.10	25.60
Massachusetts	20.00	21.80	26.10	18.60	17.30	18.80	17.40	19.50	18.30	19.40	26.90
Michigan	18.90	20.50	24.10	16.60	15.10	16.40	14.90	17.30	16.40	17.60	24.60
Minnesota	19.60	20.40	24.80	17.60	16.80	17.80	16.50	19.30	20.10	19.00	25.10
Mississippi	20.20	21.90	26.80	19.40	17.20	18.90	17.10	19.60	19.00	19.70	27.50
Missouri	18.80	20.50	24.60	18.50	16.90	18.70	16.90	19.00	17.90	18.80	26.30
Montana	18.00	18.70	22.00	14.90	15.80	17.50	16.00	18.30	18.60	18.10	25.30
Nebraska	19.60	21.00	25.00	17.80	16.90	18.20	16.20	18.40	18.20	18.50	25.30
Nevada	18.90	20.30	24.80	17.70	16.30	17.90	16.40	18.60	18.50	18.40	25.30
New Hampshire	19.60	21.50	25.90	18.50	17.40	18.50	17.00	19.20	18.00	19.00	26.70
New Jersey	18.90	20.60	24.90	17.60	16.40	18.30	16.20	18.30	17.20	18.60	25.30
New Mexico	17.40	18.80	22.30	16.10	15.60	16.30	14.70	17.00	16.30	16.30	23.50
New York	19.40	21.20	25.40	18.20	17.00	18.20	16.70	18.90	17.70	18.90	26.20
North Carolina	20.50	21.40	25.70	18.60	17.10	18.80	17.30	19.30	18.80	19.30	26.40
North Dakota	18.90	19.90	23.60	17.10	16.20	17.60	16.20	19.50	19.90	19.30	25.60
Ohio	19.40	21.20	24.60	17.90	16.80	18.40	16.40	18.70	18.30	19.00	25.40
Oklahoma	20.10	21.50	25.90	18.60	17.70	19.20	17.80	20.20	19.00	20.10	28.20
Oregon	19.80	21.20	25.70	18.60	18.10	19.80	18.70	21.30	21.20	21.00	27.50
Pennsylvania	20.00	21.60	25.70	18.50	17.20	18.60	16.80	19.30	18.20	19.10	26.50
Rhode Island	19.80	21.80	26.40	18.90	17.20	18.50	17.20	19.10	17.50	19.00	27.60
South Carolina	20.70	23.00	27.30	19.80	17.80	19.10	17.40	19.10	19.30	20.10	28.60
South Dakota	20.00	21.00	24.70	18.50	17.60	18.80	17.30	20.10	20.60	20.20	26.20
Tennessee	19.60	21.50	25.80	18.80	17.20	18.90	17.40	19.40	18.80	19.30	26.50
Texas	18.70	20.40	24.60	17.70	17.20	18.40	16.90	19.10	18.60	18.20	25.60
Utah	17.60	19.50	23.70	17.00	16.20	17.70	16.10	18.50	18.20	18.50	25.60
Vermont	19.60	21.30	25.50	18.60	17.30	18.60	17.10	19.20	18.30	19.40	26.60
Virginia	20.80	22.90	27.00	19.40	18.00	19.40	17.50	19.60	19.70	20.40	28.00
Washington	18.60	20.50	24.70	17.20	16.50	18.20	16.80	18.90	17.50	18.60	26.90
West Virginia	19.00	20.30	24.40	17.50	16.10	18.00	16.40	18.40	17.50	18.10	25.10
Wisconsin	19.40	20.30	24.50	17.80	16.80	18.10	16.50	18.80	18.90	18.80	24.60
Wyoming	18.90	20.10	23.40	18.30	16.70	17.90	16.30	18.00	16.90	18.80	25.70
United States	18.56	20.11	24.07	17.21	16.34	17.69	16.28	18.65	18.16	18.53	25.34

State Level All Milk Prices

	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	(Dollars per Hundredweight)										
Alabama	23.07	22.64	23.06	22.62	22.37	22.15	22.15	22.09	22.03	22.03	22.07
Alaska	26.26	26.40	26.97	26.60	26.38	26.15	26.15	26.07	26.01	26.01	26.04
Arizona	20.58	20.34	20.78	20.35	20.11	19.88	19.88	19.82	19.76	19.76	19.80
Arkansas	22.46	22.04	22.50	22.08	21.84	21.62	21.62	21.55	21.49	21.49	21.53
California	20.69	20.25	20.79	20.41	20.19	19.96	19.95	19.88	19.82	19.83	19.86
Colorado	20.80	21.09	21.73	21.40	21.20	20.97	20.96	20.88	20.81	20.82	20.85
Connecticut	22.30	22.03	22.47	22.05	21.80	21.58	21.58	21.51	21.46	21.46	21.49
Delaware	20.62	20.47	20.91	20.49	20.24	20.02	20.02	19.95	19.90	19.90	19.93
Florida	24.74	24.47	24.91	24.48	24.23	24.01	24.01	23.94	23.89	23.89	23.93
Georgia	24.19	23.76	24.18	23.75	23.50	23.28	23.28	23.22	23.16	23.16	23.20
Hawaii	32.57	32.51	32.94	32.51	32.27	32.05	32.05	31.98	31.93	31.93	31.96
Idaho	20.68	21.15	21.83	21.52	21.33	21.10	21.09	21.00	20.93	20.95	20.97
Illinois	20.69	20.81	21.50	21.19	21.00	20.77	20.75	20.67	20.60	20.61	20.63
Indiana	21.32	21.17	21.75	21.39	21.18	20.95	20.95	20.87	20.80	20.81	20.84
Iowa	19.23	20.23	20.95	20.65	20.47	20.24	20.22	20.13	20.06	20.08	20.10
Kansas	19.21	19.56	20.17	19.82	19.62	19.39	19.38	19.30	19.24	19.25	19.27
Kentucky	21.99	21.87	22.30	21.87	21.62	21.40	21.40	21.34	21.28	21.28	21.32
Louisiana	22.78	22.23	22.66	22.22	21.97	21.75	21.75	21.69	21.63	21.63	21.67
Maine	20.10	20.73	21.17	20.75	20.50	20.28	20.28	20.21	20.16	20.16	20.19
Maryland	21.04	20.82	21.27	20.85	20.60	20.38	20.38	20.31	20.26	20.26	20.29
Massachusetts	22.30	22.09	22.54	22.11	21.87	21.64	21.65	21.58	21.52	21.52	21.56
Michigan	20.10	20.15	20.80	20.48	20.28	20.05	20.04	19.95	19.89	19.90	19.92
Minnesota	20.04	20.75	21.65	21.43	21.29	21.05	21.02	20.92	20.84	20.87	20.88
Mississippi	23.08	22.77	23.19	22.75	22.50	22.28	22.28	22.22	22.17	22.17	22.20
Missouri	21.84	21.68	22.19	21.80	21.57	21.35	21.34	21.27	21.21	21.22	21.25
Montana	20.80	20.79	21.43	21.10	20.90	20.67	20.66	20.58	20.51	20.52	20.55
Nebraska	20.79	20.92	21.59	21.28	21.09	20.86	20.84	20.76	20.69	20.70	20.72
Nevada	20.80	20.89	21.53	21.20	21.00	20.77	20.76	20.68	20.61	20.62	20.65
New Hampshire	22.10	21.83	22.27	21.85	21.60	21.38	21.38	21.31	21.26	21.26	21.29
New Jersey	20.70	20.76	21.20	20.78	20.53	20.31	20.31	20.25	20.19	20.19	20.23
New Mexico	18.41	18.89	19.59	19.28	19.10	18.87	18.85	18.76	18.69	18.71	18.73
New York	21.61	21.48	21.94	21.52	21.28	21.06	21.06	20.99	20.93	20.93	20.97
North Carolina	22.00	21.84	22.27	21.85	21.60	21.38	21.38	21.31	21.26	21.26	21.29
North Dakota	21.04	21.35	22.26	22.05	21.91	21.67	21.64	21.54	21.46	21.48	21.49
Ohio	21.40	21.31	21.95	21.61	21.42	21.18	21.17	21.09	21.03	21.04	21.06
Oklahoma	23.71	23.40	24.01	23.66	23.46	23.23	23.22	23.14	23.07	23.08	23.11
Oregon	23.42	23.27	23.84	23.47	23.25	23.02	23.02	22.94	22.88	22.89	22.91
Pennsylvania	21.72	21.69	22.15	21.74	21.50	21.27	21.27	21.21	21.15	21.15	21.19
Rhode Island	23.00	22.43	22.87	22.45	22.20	21.98	21.98	21.91	21.86	21.86	21.89
South Carolina	24.20	23.57	24.01	23.58	23.33	23.11	23.11	23.05	22.99	22.99	23.03
South Dakota	21.66	22.07	22.87	22.61	22.45	22.21	22.19	22.10	22.02	22.04	22.06
Tennessee	22.09	21.93	22.36	21.93	21.68	21.46	21.46	21.40	21.34	21.34	21.38
Texas	20.12	20.78	21.47	21.15	20.96	20.73	20.72	20.63	20.56	20.58	20.60
Utah	21.07	21.09	21.77	21.45	21.26	21.03	21.02	20.93	20.86	20.88	20.90
Vermont	22.00	21.89	22.34	21.91	21.67	21.44	21.45	21.38	21.32	21.32	21.36
Virginia	23.80	23.33	23.77	23.34	23.10	22.87	22.87	22.81	22.75	22.75	22.79
Washington	21.12	21.51	22.07	21.70	21.48	21.26	21.25	21.17	21.11	21.12	21.15
West Virginia	20.62	20.57	21.07	20.67	20.44	20.21	20.21	20.14	20.08	20.08	20.12
Wisconsin	19.84	20.45	21.35	21.13	21.00	20.76	20.73	20.63	20.55	20.57	20.58
Wyoming	21.20	21.29	21.93	21.60	21.40	21.17	21.16	21.08	21.01	21.02	21.05
United States	20.68	20.84	21.49	21.16	20.96	20.74	20.72	20.64	20.58	20.59	20.62