



| | | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R |
|----|--|---------------------------|---------------------|--|--------------------------|----------------------------|--------------------------------------|---|--|-------------------------------|---|--|----------------------|-----------------|-----------------------------------|-----------------------|-----------------------------------|--|--|
| | | US Total Cow #s 1000 head | Dairy cow slaughter | US Total Milk Production (million lbs) | US Milk Production / cow | US Butter Stocks 1,000 lbs | US Total Butter Production 1,000 lbs | US Natural Cheese Stocks totals 1,000 lbs | US Total Monthly Cheese Production 1,000 lbs | US Manufacturer's NFDM Stocks | US Nonfat Dry Milk (Human Cons.) Production | Consumer Confidence Index (1985 (=100)), | US Unemployment rate | US Dollar Index | Total Imports consumption \$1,000 | Total Exports \$1,000 | LGM Actual Margin-Farm Bill Ratio | Dairy Margin Coverage - Actual Margins | PA Dairy Margin Coverage Program Margins |
| 1 | YoY % change 1 year rolling as % of 3 year average | -0.06% | 0.03% | 0.93% | 0.99% | 14.92% | 3.99% | -1.20% | 0.18% | -10.16% | 15.07% | 9.48% | -10.00% | 1.90% | -1.63% | 22.38% | 104.58% | 52.32% | -100.00% |
| 2 | | -0.38% | 2.96% | 0.57% | 0.95% | 1.77% | -8.74% | 1.65% | -6.79% | -12.69% | -7.47% | 1.88% | -7.95% | 2.01% | -0.87% | -1.64% | 10.70% | 0.16% | -53.89% |
| 3 | 3 yr Average | 9,371 | 260,975 | 18,111 | 73.0 | 263,357 | 156,679 | 1,341,201 | 1,074,922 | 281,292 | 150,654 | 127.0 | 3.9% | 95.6 | \$287,781 | \$466,773 | \$7.93 | \$8.95 | \$8.25 |
| 4 | Jan-20 | 9,348 | 298,500 | 18,785 | 74.5 | 242,681 | 0 | 1,352,753 | 0 | 0 | 0 | 131.6 | 3.6% | 97.4 | \$0 | \$0 | \$0.00 | \$0.00 | \$0.00 |
| 5 | Dec-19 | 9,343 | 265,400 | 18,365 | 72.9 | 189,655 | 177,194 | 1,322,014 | 1,114,456 | 248,432 | 164,257 | 128.2 | 3.5% | 96.4 | \$289,978 | \$515,619 | \$12.19 | \$11.95 | \$0.00 |
| 6 | Nov-19 | 9,345 | 256,100 | 17,506 | 71.8 | 180,637 | 155,525 | 1,322,482 | 1,100,600 | 222,669 | 141,703 | 126.8 | 3.5% | 98.3 | \$283,661 | \$530,011 | \$12.40 | \$12.21 | \$0.00 |
| 7 | Oct-19 | 9,347 | 286,100 | 18,135 | 71.9 | 234,507 | 156,946 | 1,341,666 | 1,137,641 | 217,971 | 135,233 | 126.1 | 3.6% | 97.4 | \$349,335 | \$519,667 | \$11.05 | \$10.88 | \$0.00 |
| 8 | Sep-19 | 9,333 | 255,700 | 17,595 | 72.2 | 290,649 | 137,886 | 1,373,856 | 1,080,648 | 250,907 | 120,297 | 126.3 | 3.5% | 99.4 | \$329,118 | \$501,143 | \$10.57 | \$10.41 | \$0.00 |
| 9 | Aug-19 | 9,318 | 266,600 | 18,267 | 72.7 | 304,368 | 137,322 | 1,362,766 | 1,121,987 | 269,728 | 133,720 | 134.2 | 3.7% | 98.9 | \$316,308 | \$487,099 | \$10.05 | \$9.85 | \$0.00 |
| 10 | Jul-19 | 9,315 | 256,800 | 18,375 | 73.1 | 329,595 | 142,541 | 1,362,375 | 1,092,686 | 288,681 | 168,198 | 135.8 | 3.7% | 98.5 | \$353,708 | \$466,505 | \$9.45 | \$9.27 | \$0.00 |
| 11 | Jun-19 | 9,327 | 231,200 | 18,225 | 74.9 | 326,297 | 144,801 | 1,382,336 | 1,067,383 | 288,815 | 155,862 | 124.3 | 3.7% | 96.1 | \$318,418 | \$466,503 | \$8.79 | \$8.63 | \$0.00 |
| 12 | May-19 | 9,333 | 258,100 | 19,058 | 75.7 | 313,830 | 160,945 | 1,388,590 | 1,109,044 | 284,111 | 170,687 | 134.1 | 3.6% | 97.6 | \$342,424 | \$539,197 | \$9.12 | \$9.00 | \$0.00 |
| 13 | Apr-19 | 9,327 | 268,500 | 18,433 | 75.7 | 290,836 | 164,674 | 1,398,836 | 1,086,416 | 275,401 | 165,049 | 129.2 | 3.6% | 97.5 | \$314,235 | \$491,134 | \$8.37 | \$8.82 | \$0.00 |
| 14 | Mar-19 | 9,333 | 302,400 | 18,845 | 74.9 | 269,697 | 173,558 | 1,384,785 | 1,120,525 | 289,965 | 163,944 | 124.2 | 3.8% | 97.3 | \$271,710 | \$529,814 | \$7.32 | \$8.66 | \$0.00 |
| 15 | Feb-19 | 9,352 | 278,900 | 16,966 | 74.5 | 243,511 | 164,525 | 1,367,355 | 991,346 | 310,447 | 153,806 | 131.4 | 3.8% | 96.2 | \$254,380 | \$462,519 | \$6.05 | \$7.91 | \$0.00 |
| 16 | Jan-19 | 9,354 | 298,400 | 18,612 | 73.8 | 211,168 | 189,642 | 1,369,236 | 1,098,353 | 286,374 | 172,690 | 120.2 | 4.0% | 95.6 | \$277,412 | \$421,639 | \$5.89 | \$7.71 | \$0.00 |
| 17 | Dec-18 | 9,353 | 261,200 | 18,155 | 72.0 | 179,333 | 170,388 | 1,344,794 | 1,112,411 | 276,527 | 142,741 | 126.6 | 3.9% | 96.2 | \$294,771 | \$421,329 | \$5.96 | \$7.85 | \$7.31 |
| 18 | Nov-18 | 9,354 | 268,000 | 17,337 | 71.0 | 154,366 | 149,428 | 1,352,739 | 1,095,965 | 289,199 | 134,424 | 136.4 | 3.7% | 97.0 | \$301,534 | \$433,943 | \$6.45 | \$8.66 | \$8.30 |
| 19 | Oct-18 | 9,366 | 288,200 | 17,857 | 70.7 | 230,735 | 143,480 | 1,370,107 | 1,129,891 | 252,045 | 125,067 | 137.9 | 3.7% | 97.1 | \$321,067 | \$453,900 | \$7.62 | \$8.96 | \$8.56 |
| 20 | Sep-18 | 9,367 | 247,400 | 17,368 | 71.0 | 283,195 | 134,800 | 1,377,710 | 1,054,470 | 262,320 | 108,826 | 135.3 | 3.9% | 95.1 | \$257,815 | \$429,724 | \$8.29 | \$8.26 | \$7.91 |
| 21 | Aug-18 | 9,379 | 279,700 | 18,250 | 72.1 | 290,855 | 133,982 | 1,358,526 | 1,078,404 | 281,110 | 122,805 | 134.7 | 3.9% | 95.1 | \$270,243 | \$473,032 | \$7.03 | \$7.43 | \$6.69 |
| 22 | Jul-18 | 9,378 | 239,800 | 18,334 | 72.5 | 318,327 | 136,240 | 1,412,958 | 1,082,772 | 317,520 | 144,296 | 127.9 | 3.9% | 94.7 | \$299,289 | \$426,469 | \$6.16 | \$6.72 | \$6.91 |
| 23 | Jun-18 | 9,402 | 237,500 | 18,304 | 74.6 | 336,625 | 142,540 | 1,388,638 | 1,062,520 | 303,443 | 146,911 | 127.1 | 4.0% | 94.7 | \$265,713 | \$475,165 | \$6.62 | \$7.37 | \$7.48 |
| 24 | May-18 | 9,404 | 245,100 | 19,114 | 75.4 | 338,492 | 168,109 | 1,385,513 | 1,084,611 | 270,727 | 159,893 | 128.8 | 3.8% | 94.0 | \$299,519 | \$503,066 | \$5.93 | \$6.78 | \$6.78 |
| 25 | Apr-18 | 9,401 | 248,900 | 18,390 | 74.9 | 307,325 | 175,297 | 1,345,289 | 1,073,438 | 273,346 | 163,859 | 125.6 | 3.9% | 91.9 | \$272,010 | \$518,754 | \$5.40 | \$6.62 | \$6.52 |
| 26 | Mar-18 | 9,402 | 286,900 | 18,975 | 74.8 | 273,995 | 182,046 | 1,324,662 | 1,108,389 | 297,296 | 178,694 | 127.0 | 4.1% | 90.0 | \$276,055 | \$508,664 | \$5.28 | \$6.77 | \$6.15 |
| 27 | Feb-18 | 9,408 | 260,600 | 16,961 | 74.0 | 265,756 | 170,116 | 1,317,731 | 985,969 | 298,413 | 157,833 | 130.0 | 4.1% | 90.6 | \$260,997 | \$445,371 | \$5.03 | \$6.88 | \$6.46 |
| 28 | Jan-18 | 9,407 | 289,800 | 18,431 | 72.6 | 226,694 | 182,088 | 1,278,637 | 1,096,520 | 306,988 | 160,301 | 124.3 | 4.1% | 89.1 | \$268,935 | \$408,635 | \$6.04 | \$8.12 | \$7.67 |
| 29 | Jan-17 | 9,362 | 269,100 | 18,128 | 71.8 | 221,523 | 177,818 | 1,222,551 | 1,044,983 | 226,786 | 153,374 | 111.6 | 4.8% | 99.6 | \$282,574 | \$403,239 | \$8.80 | \$10.82 | \$10.32 |
| 30 | Jan-16 | 9,310 | 265,500 | 17,693 | 70.5 | 192,101 | 175,654 | 1,178,194 | 1,003,278 | 226,446 | 137,046 | 97.8 | 4.9% | 99.3 | \$305,492 | \$361,964 | \$6.12 | \$8.01 | \$7.95 |

| | S | T | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG | AH | AI | AJ | AK |
|----|--|---------------------------------|---|---|------------------------------------|-------------------|-------------------|---------------------|-----------------------------|----------|------------------|--------------------------|--|---------------------------------|--|---------------------------------------|--------------------------------------|------------------|----------------------------------|
| | | Cull Cows prices US NASS \$/cwt | AMS (NASS) FMMO Monthly Average Cheddar \$/lb | Monthly Close -Daily CME Cash Block Cheddar | International Cheddar \$/lb Oceana | Class III Closing | US All milk price | Federal Order 1 PPD | Federal Order Class I Mover | Class II | Class IV Closing | CME Cash Butter Grade AA | International Butter Oceana (Anhydrous Milk Fat) \$/lb | German Butter price Dollars/ lb | FMMO Monthly Wholesale Butter Grade AA | AMS (Nass) FMMO Monthly Wholesale NDM | International Skim Milk Powder \$/lb | German SMP \$/lb | AMS (Nass) FMMO Monthly Dry Whey |
| 1 | YoY % change 1 year rolling as % of 3 year average | 14.48% | 54.63% | 37.32% | 20.08% | 22.1% | 26.22% | -29.7% | 25.73% | 8.32% | 7.56% | -18.19% | -6.15% | -21.17% | -16.32% | 25.94% | 37.94% | 21.33% | -24.14% |
| 2 | | -10.84% | 7.33% | 10.77% | 4.72% | 8.18% | -1.43% | -15.84% | 7.30% | 6.12% | 7.57% | -6.48% | -7.04% | -21.78% | -2.76% | 18.91% | 19.90% | 10.45% | -9.06% |
| 3 | 3 yr Average | \$64.80 | \$1.63 | \$1.66 | \$1.71 | \$15.91 | \$17.47 | \$1.31 | \$16.14 | \$15.90 | \$15.24 | \$2.34 | \$2.63 | \$2.49 | \$2.26 | \$0.92 | \$1.00 | \$0.91 | \$0.38 |
| 4 | Jan-20 | \$0.00 | \$1.91 | \$1.92 | \$1.84 | \$17.05 | \$0.00 | \$1.73 | \$19.01 | \$17.05 | \$16.65 | \$1.83 | \$2.19 | \$1.83 | \$1.88 | \$1.27 | \$1.38 | \$1.19 | \$0.35 |
| 5 | Dec-19 | \$59.30 | \$1.84 | \$1.83 | \$1.75 | \$19.37 | \$20.70 | -\$0.09 | \$19.33 | \$16.81 | \$16.70 | \$2.03 | \$2.21 | \$1.83 | \$1.97 | \$1.25 | \$1.30 | \$1.18 | \$0.33 |
| 6 | Nov-19 | \$57.70 | \$2.26 | \$1.93 | \$1.68 | \$20.45 | \$21.00 | -\$1.25 | \$18.14 | \$16.85 | \$16.60 | \$2.01 | \$2.32 | \$1.82 | \$2.05 | \$1.21 | \$1.37 | \$1.14 | \$0.31 |
| 7 | Oct-19 | \$60.90 | \$2.02 | \$2.11 | \$1.65 | \$18.72 | \$19.90 | \$0.00 | \$17.84 | \$16.68 | \$16.39 | \$2.08 | \$2.30 | \$1.85 | \$2.11 | \$1.16 | \$1.24 | \$1.08 | \$0.30 |
| 8 | Sep-19 | \$65.60 | \$1.75 | \$1.97 | \$1.74 | \$18.31 | \$19.30 | \$0.47 | \$17.85 | \$16.93 | \$16.35 | \$2.15 | \$2.28 | \$1.81 | \$2.17 | \$1.07 | \$1.18 | \$1.00 | \$0.38 |
| 9 | Aug-19 | \$68.30 | \$1.71 | \$1.93 | \$1.75 | \$17.60 | \$18.90 | \$1.37 | \$17.89 | \$17.60 | \$16.74 | \$2.19 | \$2.30 | \$1.80 | \$2.29 | \$1.03 | \$1.12 | \$0.96 | \$0.37 |
| 10 | Jul-19 | \$67.00 | \$1.73 | \$1.90 | \$1.75 | \$17.55 | \$18.70 | \$1.28 | \$17.18 | \$17.61 | \$16.90 | \$2.29 | \$2.51 | \$1.87 | \$2.39 | \$1.03 | \$1.14 | \$0.94 | \$0.33 |
| 11 | Jun-19 | \$65.90 | \$1.63 | \$1.86 | \$1.72 | \$16.27 | \$18.10 | \$2.01 | \$17.07 | \$17.30 | \$16.83 | \$2.41 | \$2.51 | \$1.99 | \$2.39 | \$1.05 | \$1.07 | \$0.95 | \$0.35 |
| 12 | May-19 | \$65.60 | \$1.63 | \$1.72 | \$2.20 | \$16.38 | \$18.00 | \$1.42 | \$16.42 | \$16.48 | \$16.29 | \$2.36 | \$2.79 | \$2.07 | \$2.34 | \$1.05 | \$1.15 | \$0.95 | \$0.35 |
| 13 | Apr-19 | \$61.30 | \$1.59 | \$1.68 | \$1.96 | \$15.96 | \$17.70 | \$1.38 | \$15.76 | \$16.38 | \$15.72 | \$2.39 | \$2.78 | \$2.13 | \$2.26 | \$1.00 | \$1.12 | \$0.88 | \$0.34 |
| 14 | Mar-19 | \$62.80 | \$1.49 | \$1.66 | \$1.83 | \$15.04 | \$17.50 | \$2.13 | \$15.98 | \$16.61 | \$15.71 | \$2.27 | \$2.66 | \$2.12 | \$2.28 | \$0.97 | \$1.12 | \$0.89 | \$0.33 |
| 15 | Feb-19 | \$58.90 | \$1.39 | \$1.57 | \$1.66 | \$13.89 | \$16.80 | \$2.76 | \$15.30 | \$16.13 | \$15.86 | \$2.27 | \$2.53 | \$2.22 | \$2.27 | \$0.99 | \$1.15 | \$0.89 | \$0.36 |
| 16 | Jan-19 | \$54.20 | \$1.24 | \$1.40 | \$1.53 | \$13.96 | \$16.60 | \$2.46 | \$15.12 | \$15.74 | \$15.48 | \$2.24 | \$2.33 | \$2.32 | \$2.25 | \$1.01 | \$1.00 | \$0.98 | \$0.46 |
| 17 | Dec-18 | \$51.80 | \$1.37 | \$1.39 | \$1.48 | \$13.78 | \$16.40 | \$2.49 | \$15.05 | \$15.67 | \$15.09 | \$2.21 | \$2.24 | \$2.28 | \$2.24 | \$0.90 | \$0.93 | \$0.89 | \$0.47 |
| 18 | Nov-18 | \$52.70 | \$1.45 | \$1.35 | \$1.48 | \$14.44 | \$17.00 | \$2.18 | \$15.52 | \$15.63 | \$15.06 | \$2.28 | \$2.08 | \$2.34 | \$2.27 | \$0.89 | \$0.89 | \$0.85 | \$0.46 |
| 19 | Oct-18 | \$57.80 | \$1.57 | \$1.65 | \$1.54 | \$15.53 | \$17.40 | \$1.66 | \$16.33 | \$15.54 | \$15.01 | \$2.29 | \$2.32 | \$2.52 | \$2.28 | \$0.87 | \$0.85 | \$0.82 | \$0.45 |
| 20 | Sep-18 | \$60.80 | \$1.65 | \$1.69 | \$1.59 | \$16.09 | \$16.70 | \$0.62 | \$14.85 | \$15.13 | \$14.81 | \$2.32 | \$2.40 | \$2.90 | \$2.27 | \$0.85 | \$0.90 | \$0.88 | \$0.40 |
| 21 | Aug-18 | \$63.00 | \$1.55 | \$1.65 | \$1.58 | \$14.95 | \$15.90 | \$1.26 | \$14.15 | \$15.07 | \$14.63 | \$2.22 | \$2.41 | \$2.98 | \$2.32 | \$0.81 | \$0.88 | \$0.84 | \$0.37 |
| 22 | Jul-18 | \$66.80 | \$1.49 | \$1.56 | \$1.63 | \$14.10 | \$15.40 | \$2.04 | \$15.36 | \$15.20 | \$14.14 | \$2.23 | \$2.55 | \$2.95 | \$2.26 | \$0.78 | \$0.89 | \$0.81 | \$0.34 |
| 23 | Jun-18 | \$66.30 | \$1.62 | \$1.49 | \$1.74 | \$15.21 | \$16.30 | \$1.49 | \$15.25 | \$15.48 | \$14.91 | \$2.29 | \$2.75 | \$3.21 | \$2.38 | \$0.82 | \$0.91 | \$0.85 | \$0.31 |
| 24 | May-18 | \$66.20 | \$1.64 | \$1.61 | \$1.91 | \$15.18 | \$16.20 | \$0.96 | \$14.44 | \$14.47 | \$14.57 | \$2.39 | \$2.88 | \$3.18 | \$2.34 | \$0.79 | \$0.93 | \$0.80 | \$0.27 |
| 25 | Apr-18 | \$67.50 | \$1.57 | \$1.62 | \$1.75 | \$14.47 | \$15.80 | \$0.99 | \$14.10 | \$14.03 | \$13.48 | \$2.36 | \$2.78 | \$2.98 | \$2.25 | \$0.71 | \$0.87 | \$0.73 | \$0.26 |
| 26 | Mar-18 | \$68.90 | \$1.55 | \$1.53 | \$1.64 | \$13.88 | \$15.60 | \$0.84 | \$13.36 | \$14.22 | \$13.04 | \$2.22 | \$2.83 | \$2.71 | \$2.18 | \$0.70 | \$0.86 | \$0.73 | \$0.25 |
| 27 | Feb-18 | \$65.60 | \$1.47 | \$1.54 | \$1.70 | \$13.40 | \$15.30 | \$1.48 | \$14.25 | \$13.44 | \$12.87 | \$2.10 | \$2.99 | \$2.58 | \$2.11 | \$0.71 | \$0.88 | \$0.75 | \$0.25 |
| 28 | Jan-18 | \$63.30 | \$1.52 | \$1.46 | \$1.58 | \$14.00 | \$16.10 | \$1.70 | \$15.44 | \$14.11 | \$13.13 | \$2.14 | \$2.97 | \$2.34 | \$2.20 | \$0.70 | \$0.82 | \$0.78 | \$0.28 |
| 29 | Jan-17 | \$64.00 | \$1.70 | \$1.64 | \$1.79 | \$16.77 | \$18.90 | \$1.44 | \$17.45 | \$16.36 | \$16.19 | \$3.10 | \$2.51 | \$2.15 | \$2.26 | \$1.02 | \$1.18 | \$1.01 | \$0.44 |
| 30 | Jan-16 | \$74.20 | \$1.52 | \$1.46 | \$1.30 | \$13.72 | \$16.10 | \$1.80 | \$16.04 | \$14.19 | \$13.31 | \$2.17 | \$1.69 | \$1.40 | \$2.08 | \$0.78 | \$0.83 | \$0.90 | \$0.24 |