

# MILK

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March 19, 2020

# production

- February daily output up 4.7% year-over-year.
- Cow numbers unchanged month-over-month.

## NORTHWEST

- February daily output up 2.6% year-over-year.
- Cow numbers down 1,000 head month-over-month.

## CALIFORNIA

- February daily output up 5.3% year-over-year.
- Cow numbers unchanged month-over-month.

## SOUTHWEST

- February daily output down 0.1% year-over-year.
- Cow numbers unchanged month-over-month.

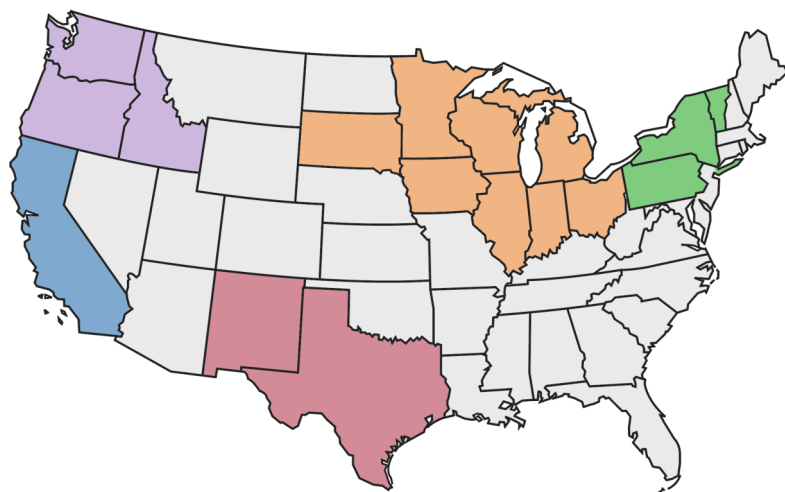
## MIDWEST

- February daily output up 0.9% year-over-year.
- Cow numbers up 4,000 head month-over-month.

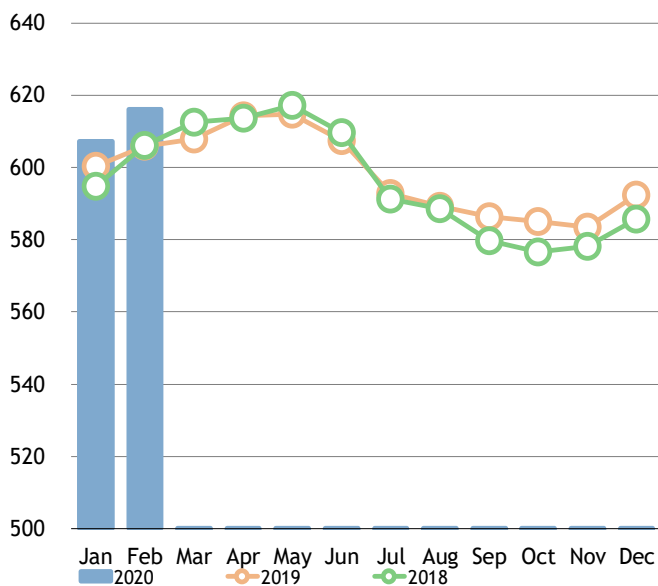
## NORTHEAST

## 50 State Total

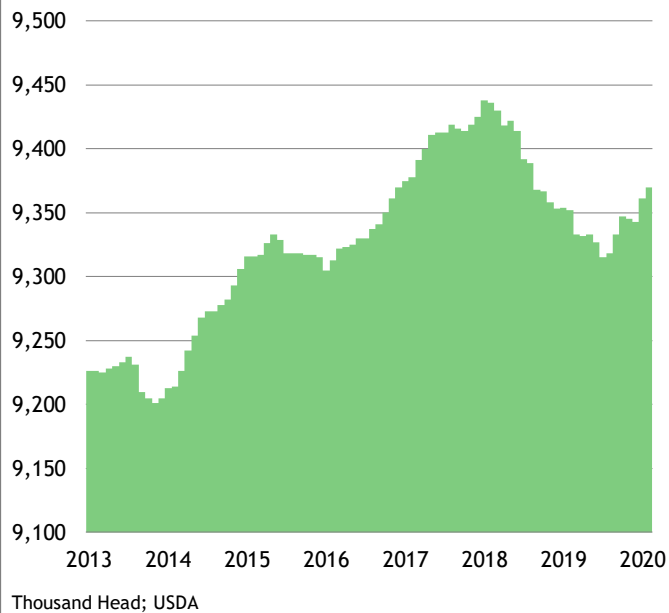
- February daily output up 1.7% year-over-year.
- Cow numbers up 9,000 head month-over-month.



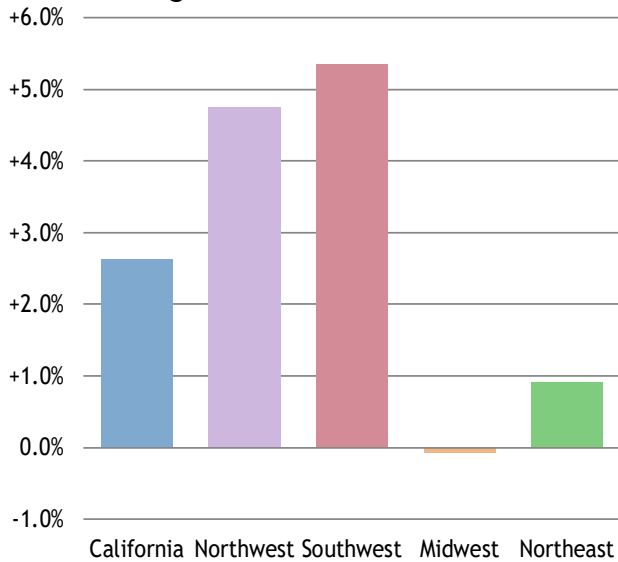
Daily Milk Production



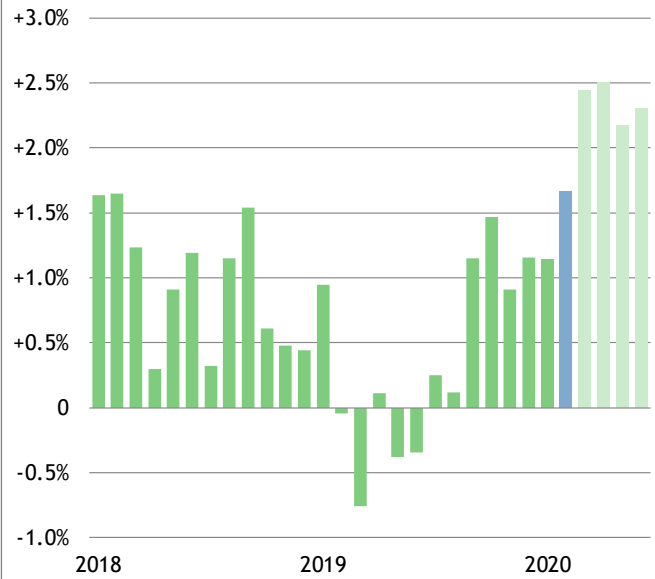
US Cow Numbers



### Regional Milk Production: Feb



### US Milk Production Forecast



USDA, Blimling Estimates

### February Milk Production

State	Production			Daily Milk Per Cow			Cows		
	(mil lbs.)	vs Jan	vs '19*	(lbs.)	vs Jan	vs '19	(000 head)	vs Jan	vs '19
CA	3,412	-3.2%	+2.6%	68	3.5%	+2.8%	1,723	-1	-3
WI	2,426	-5.9%	-0.8%	66	0.6%	-0.1%	1,260	0	-10
MN	794	-5.6%	+0.2%	62	1.0%	+1.4%	445	0	-5
MI	912	-6.4%	+1.1%	74	0.1%	+0.3%	427	0	+3
OH	445	-5.1%	+2.3%	61	1.4%	+2.4%	253	0	0
IA	422	-6.6%	-2.1%	68	0.0%	+0.4%	215	0	-5
IN	329	-5.2%	-0.7%	64	1.5%	+2.0%	176	0	-5
SD	232	-7.2%	+4.7%	63	-0.5%	+1.6%	128	0	+4
IL	145	-5.2%	-2.8%	61	1.2%	+1.1%	82	0	-3
NY	1,218	-5.7%	+1.9%	67	0.7%	+2.1%	626	+1	-1
PA	833	-3.8%	+0.2%	59	2.2%	+3.8%	483	+3	-17
VT	214	-6.1%	-1.6%	59	0.2%	+0.0%	124	0	-2
NM	674	-5.2%	+2.6%	70	1.4%	-0.8%	333	0	+11
TX	1,170	-6.8%	+7.0%	69	-0.3%	+1.1%	585	0	+32
ID	1,267	-6.0%	+5.5%	68	0.5%	+1.2%	645	0	+27
WA	544	-5.7%	+4.0%	67	0.9%	+2.7%	282	0	+4
OR	209	-5.0%	+1.9%	57	1.4%	-0.4%	127	0	+3
AZ	407	-1.2%	-0.8%	72	3.9%	+2.2%	196	+3	-6
CO	403	-4.5%	+7.5%	72	1.1%	+1.4%	193	+2	+11
GA	154	-4.3%	+0.5%	65	2.3%	+0.8%	82	0	0
KS	320	-7.0%	+5.4%	65	-0.5%	+1.9%	169	0	+6
FL	207	-3.7%	+1.5%	62	3.1%	+1.4%	116	0	0
VA	127	-5.2%	+1.3%	58	1.1%	+4.4%	76	0	-2
UT	174	-4.9%	-3.4%	62	1.6%	-0.4%	96	0	-3
24 State	17,038	-5.1%	+2.0%	66	1.3%	+1.5%	8,842	+8	+39
50 State	17,865	-5.1%	+1.7%	66	1.3%	+1.5%	9,370	+9	+18

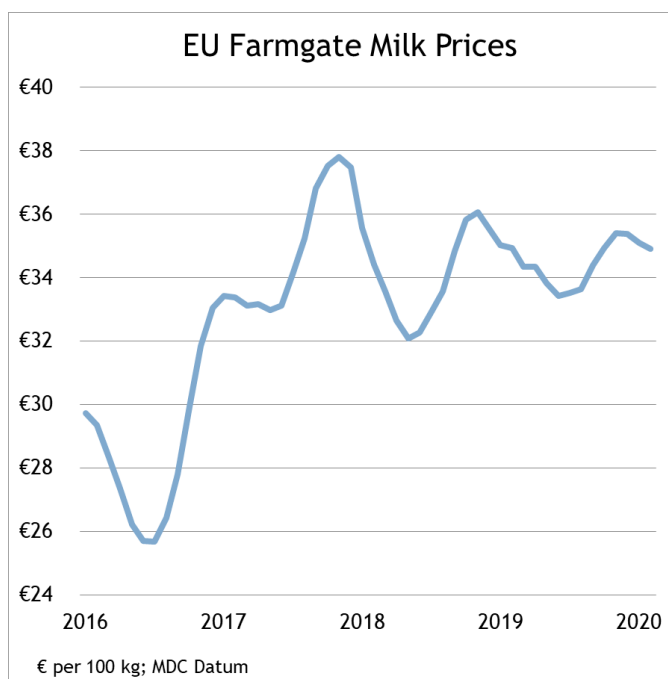
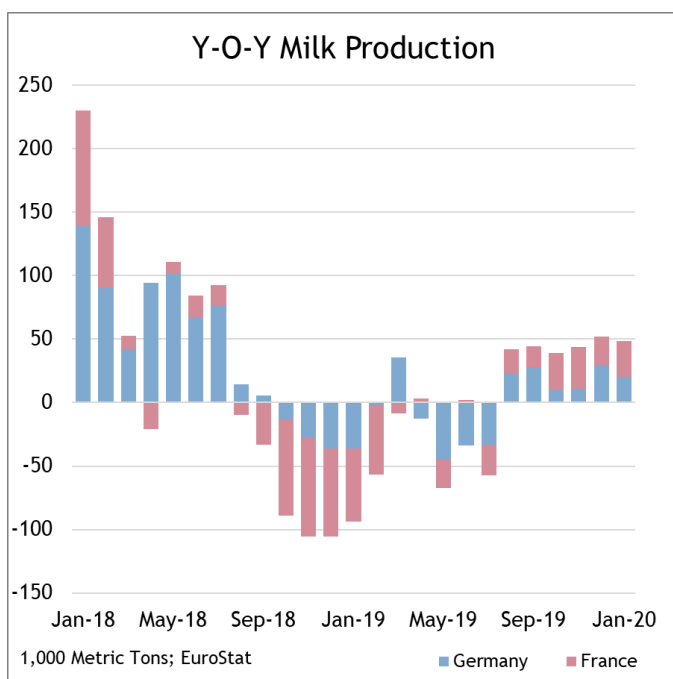
\*Year-over-year production growth is adjusted for Leap Day

## Europe

EU Milk Production										
	EU-28		Germany		France		Netherlands		Ireland	
	Output	YOY Change	Output	YOY Change	Output	YOY Change	Output	YOY Change	Output	YOY Change
Feb-19	12,103	-0.1%	2,535	-0.1%	1,965	-2.6%	1,087	-1.9%	313	3.2%
Mar-19	13,941	1.4%	2,836	1.3%	2,208	-0.4%	1,187	-2.4%	730	13.0%
Apr-19	14,050	1.6%	2,773	-0.5%	2,194	0.2%	1,173	-1.7%	982	15.8%
May-19	14,573	0.0%	2,874	-1.5%	2,211	-1.0%	1,207	-2.5%	1,104	8.0%
Jun-19	13,661	0.1%	2,740	-1.2%	2,031	0.1%	1,144	-2.7%	1,031	8.2%
Jul-19	13,611	0.4%	2,777	-1.4%	1,959	-1.2%	1,161	-1.5%	971	10.5%
Aug-19	13,207	1.0%	2,723	0.7%	1,924	0.9%	1,157	0.8%	868	2.3%
Sep-19	12,521	0.7%	2,583	0.3%	1,860	0.9%	1,107	1.6%	743	0.0%
Oct-19	12,702	0.5%	2,628	0.5%	1,967	1.4%	1,131	2.0%	623	-5.8%
Nov-19	12,162	0.6%	2,531	0.6%	1,944	1.7%	1,097	2.8%	432	-9.1%
Dec-19	12,765	1.2%	2,691	1.1%	2,085	1.1%	1,170	3.7%	251	-5.7%
Jan-20	13,051	1.0%	2,772	0.7%	2,180	1.3%	1,205	3.3%	-	-
Rolling 12-months	158,347	0.7%	32,463	0.0%	24,527	0.2%	13,826	0.1%	8,227	5.3%

Thousand Metric Tons

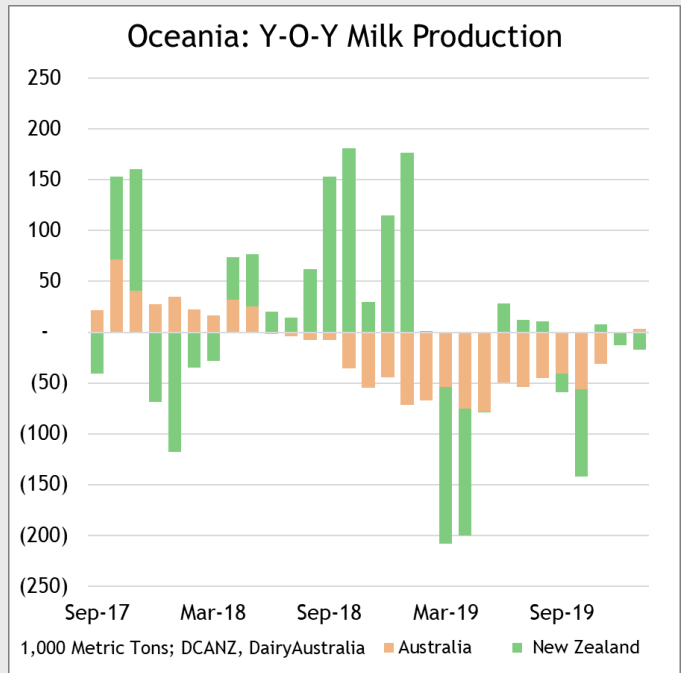
- January EU milk production rose 1.0% year-over-year according to preliminary data.
- France and Germany continue to drive EU milk production growth. French output climbed 1.3% in January, while German milk flows were 0.7% higher year-over-year. Weekly data indicates gains continued into February as both countries work off of easy year-over-year comparisons. Production in the Netherlands jumped 3.3%.
- UK output fell 1.8% in January, though that compares to stronger than normal 2019 output. Weekly data suggests UK output is trending in line with 2018 levels, but that could see an interruption in March because of the impact the Beast from the East had in early March 2018.
- Milk prices averaged €34.90 per 100 kilograms in February, 20 cents lower than last month. That was on par with 2019 and about €3 higher than the five-year average.



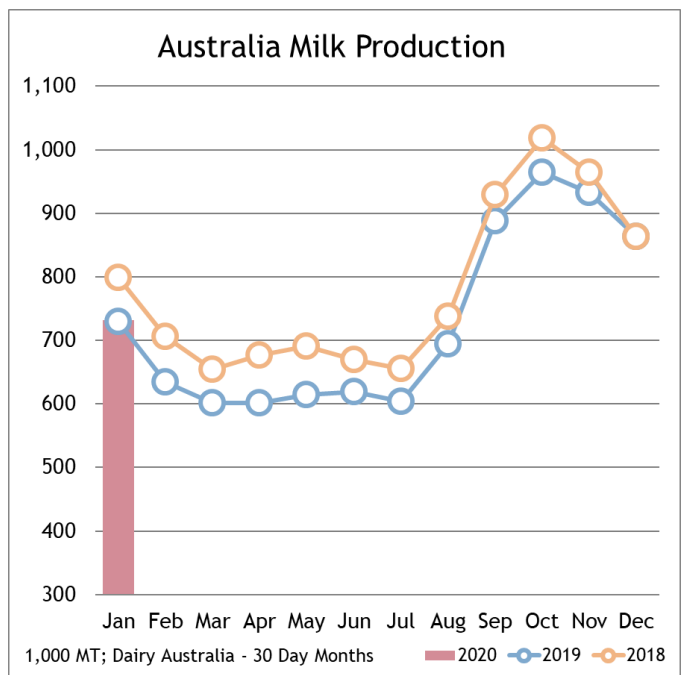
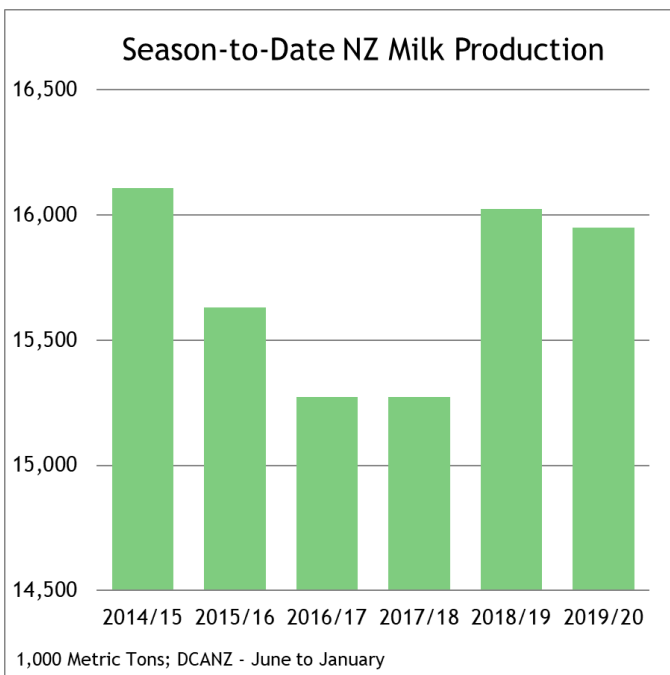
## Oceania

Oceania Milk Production				
	New Zealand		Australia	
	Output	YOY Change	Output	YOY Change
Feb-19	1,875	0.1%	592	-10.2%
Mar-19	1,713	-8.2%	622	-8.0%
Apr-19	1,364	-8.4%	602	-11.1%
May-19	868	-0.1%	635	-10.9%
Jun-19	226	14.1%	620	-7.4%
Jul-19	274	4.6%	624	-8.0%
Aug-19	1,394	0.8%	717	-5.9%
Sep-19	2,664	-0.7%	888	-4.4%
Oct-19	3,213	-2.6%	996	-5.3%
Nov-19	3,003	0.3%	933	-3.2%
Dec-19	2,722	-0.5%	892	0.1%
Jan-20	2,454	-0.7%	757	0.5%
Rolling 12-months	21,770	-1.6%	8,878	-5.8%

Thousand Metric Tons



- New Zealand milk output dipped 0.7% in January, bringing season-to-date production down 0.5%. The drought situation continues to weigh on production with some farmers reportedly drying off cows two months earlier than normal. With the season at a close, output between February and May doesn't have much impact on total milk production, representing less than 30% of annual yields.
- Australia January milk production was 0.5% higher than in 2019 despite the impact bushfires had on major milk producing regions. In Victoria, the largest producing state, output rose 2.4% year-over-year.
- More improvements could be in store in the coming months. February rainstorms provided relief to many of the drought-plagued agricultural regions, easing feed and water prices.



# The Americas

North and South America Milk Production

	Canada		Mexico		Brazil		Argentina		Uruguay	
	Output	YOY Change	Output	YOY Change	Output	YOY Change	Output	YOY Change	Output	YOY Change
Mar-19	790	-1.6%	967	2.3%	2,058	4.7%	746	-7.9%	133	-2.9%
Apr-19	767	-0.9%	987	2.5%	1,919	2.5%	737	-5.0%	136	-8.4%
May-19	787	-1.9%	1,007	1.8%	1,979	14.2%	785	-1.7%	148	-7.2%
Jun-19	759	-2.0%	1,034	2.6%	1,967	5.1%	808	-3.1%	155	-3.5%
Jul-19	776	-0.3%	1,081	2.6%	2,078	2.1%	897	0.0%	165	-2.3%
Aug-19	779	0.7%	1,084	1.4%	2,132	0.6%	967	2.1%	179	-1.6%
Sep-19	756	1.7%	1,067	0.9%	2,080	-1.0%	987	1.3%	197	0.0%
Oct-19	776	2.2%	1,074	3.6%	2,201	-1.0%	1,021	0.9%	214	4.5%
Nov-19	748	1.7%	1,043	3.4%	2,177	-1.5%	961	2.0%	197	5.3%
Dec-19	779	1.3%	1,031	1.7%	2,264	-0.3%	947	4.0%	169	-1.7%
Jan-20	-	-	982	2.2%	-	-	865	5.5%	154	0.1%
Feb-20	-	-	962	2.5%	-	-	-	-	-	-
Rolling 12-months	9,211	-0.1%	12,320	2.3%	24,989	2.2%	10,388	-0.7%	1,964	-1.7%

Million Liters

- Mexico February milk output production rose 2.5% compared to 2019. The state of Coahuila helped drive growth with a 7.0% year-over-year increase in production. Major producing regions Jalisco and Durango saw 1.9% and 5.3% growth, respectively.
- Canada milk production climbed 1.3% in December, bringing total 2019 output to -0.1%. That was the first time Canada yearly output declined since 2013.
- Uruguay milk flows were 0.1% higher year-over-year in January. January Chile milk output slipped 0.4% compared to 2019.

