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Applied Epidemiology Laboratory
**Pork and Beef
Slaughter Data
Summary**

Compiled from LM_HG201, LM_PK602 and
LM_CT106

As of reports published
18 May 2020

 **ILLINOIS**
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Summary – 18 May 2020



Pork Market

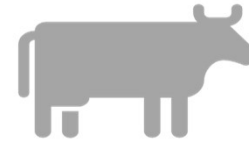
Highest harvest numbers since week 16 of 1.95M head, but were still 270K head below expected marketing number

Net cumulative harvest deficit is projected at 2.7M head for the US and 330K head for Illinois

Carcass weights continue to increase. Supporting we are falling further behind each week.

Carcass prices paid by packers increased slightly.

Cutout values were stable resulting in compression of packer margins. Suggests greater availability of pork in the retail supply chain.



Beef Market

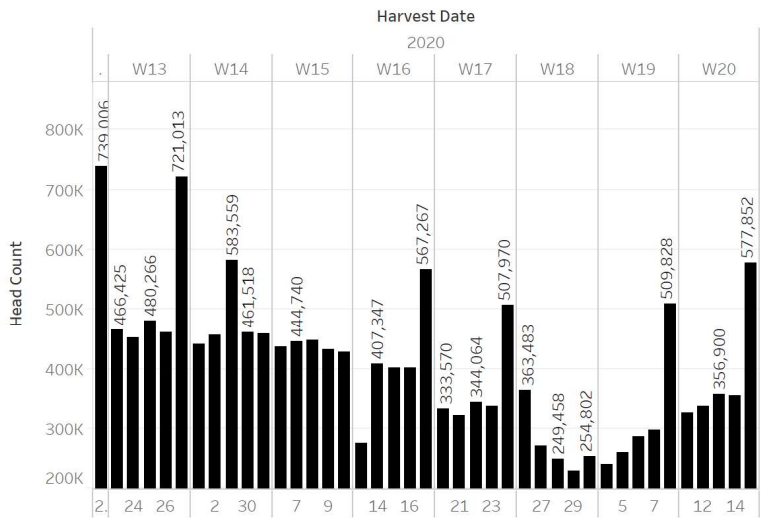
Cattle harvest numbers remained stable in week 20 at 322K head. This is the fifth week of similar numbers.

The Friday/Saturday harvest reported Monday 18 May were up 8000 head week over week.

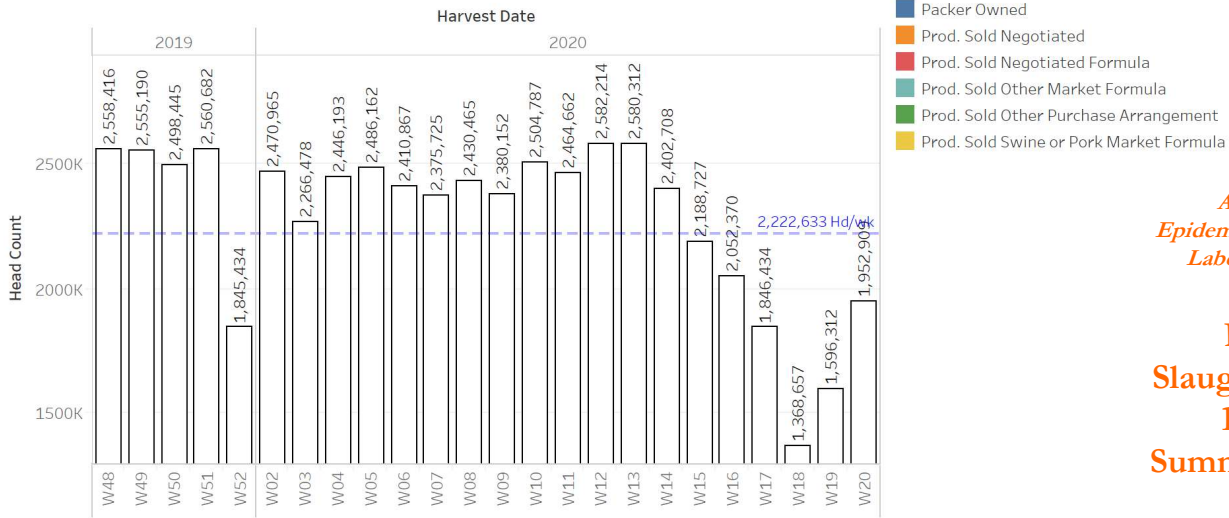
Harvest for the quarter has averaged 337K head, which is 130K less than last year and 100K less than the first quarter, suggesting that total harvest deficit between 800K and 1.04M head.

We can assume that these cattle will work through the system, which is an increase harvest supply over the next 6-12 months.

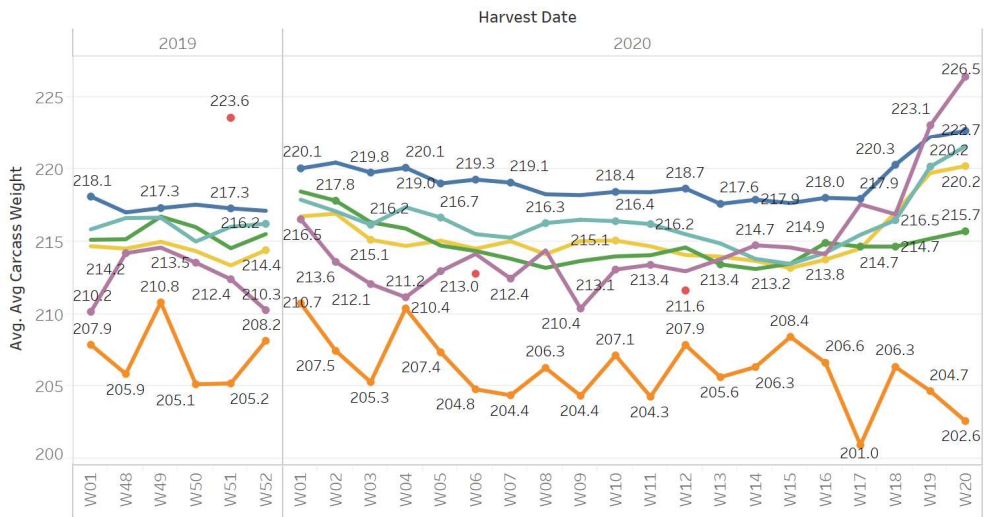
Head harvested per day



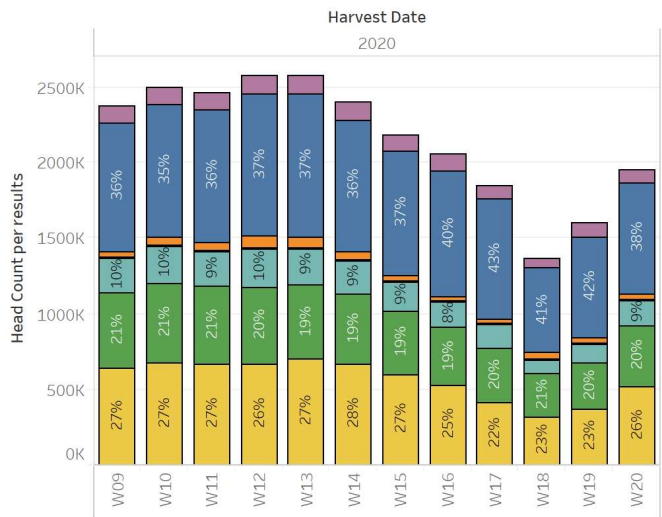
Head Harvested per week



Mean carcass weight (weekly)



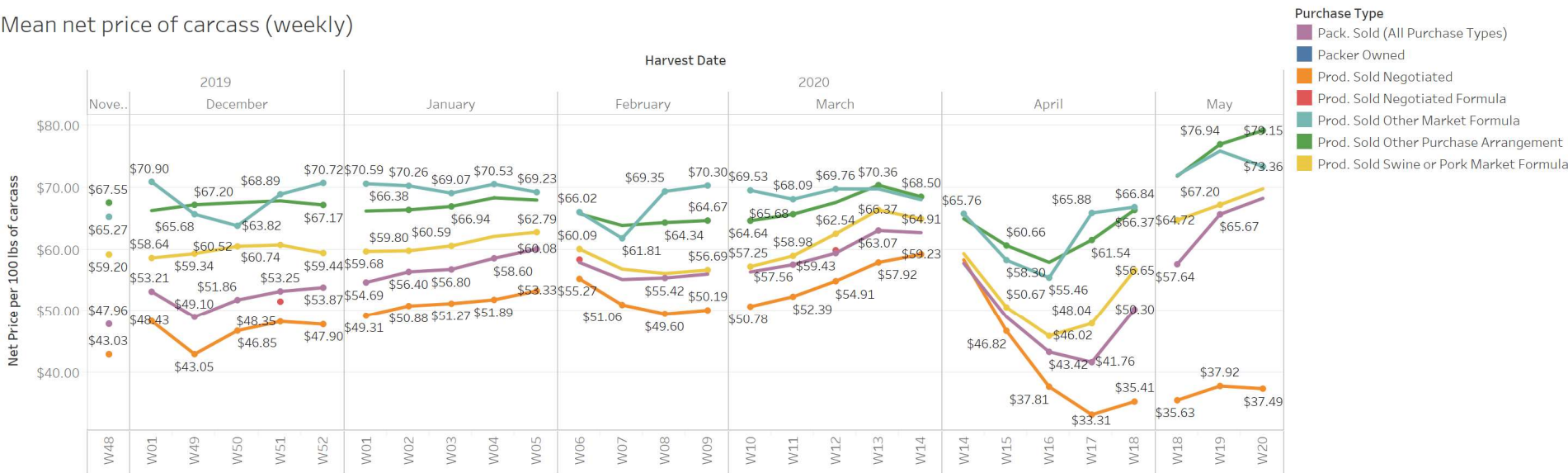
Weekly Harvest by Purchase Type



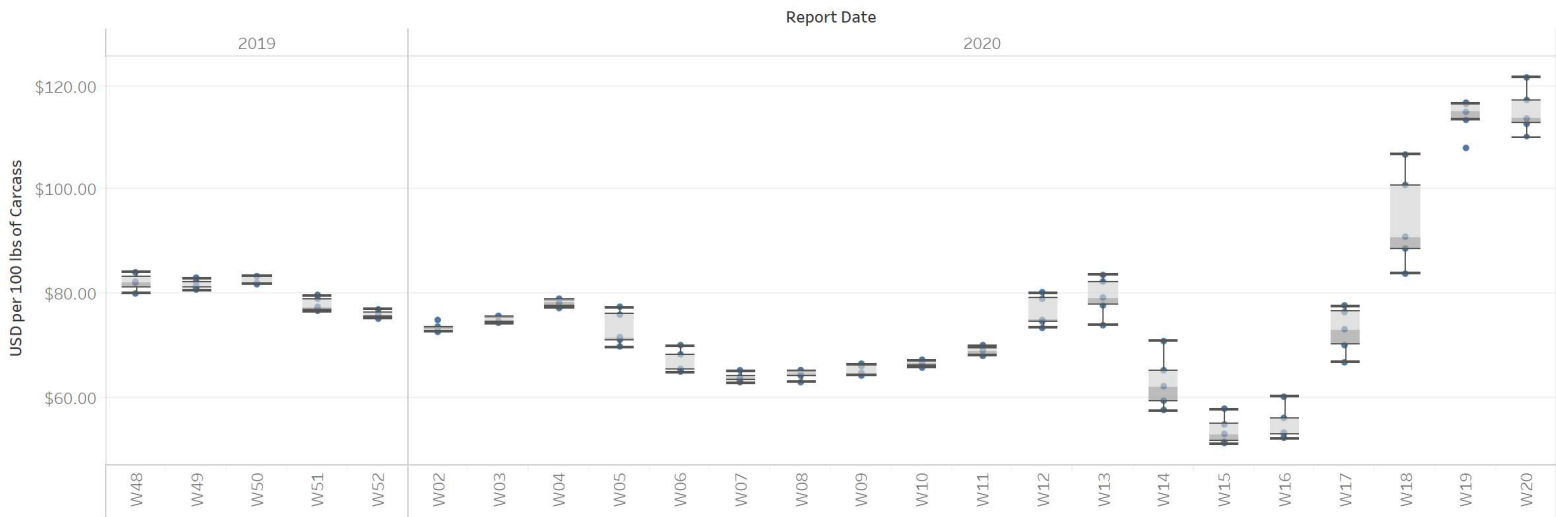
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Mean net price of carcass (weekly)



Mean Value of Carcass per 100lbs



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Projected vs Actual Harvested – Pork

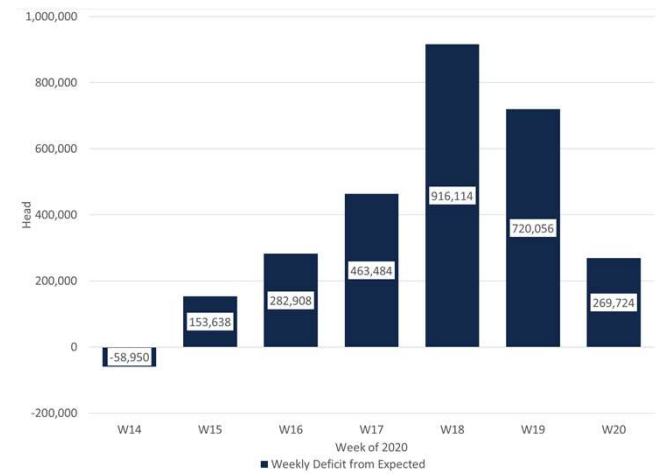
Update through report date of 5/15/2020

Cumulative Net Deficit approximates the number of pigs that should have been harvested but were not as of the last data in the report.

Week of 2020	Actual harvest	Weekly Deficit from Expected	Cumulative Deficit		
			Total	US Excluding IL	Illinois Only
W14	2,281,583	-58,950	-58,950	-51,876	-7074
W15	2,068,995	153,638	94,688	83,325	11363
W16	1,939,725	282,908	377,596	332,284	45312
W17	1,759,149	463,484	841,080	740,150	100930
W18	1,306,519	916,114	1,757,194	1,546,331	210863
W19	1,502,577	720,056	2,477,250	2,179,980	297270
W20	1,952,909	269,724	2,746,974	2,417,337	329637

Illinois is approximately 12% of national market, the Illinois numbers are only estimates based on total harvest, not individual plant numbers that are open and closed.

Weekly estimated harvest deficit from mean expected harvest number

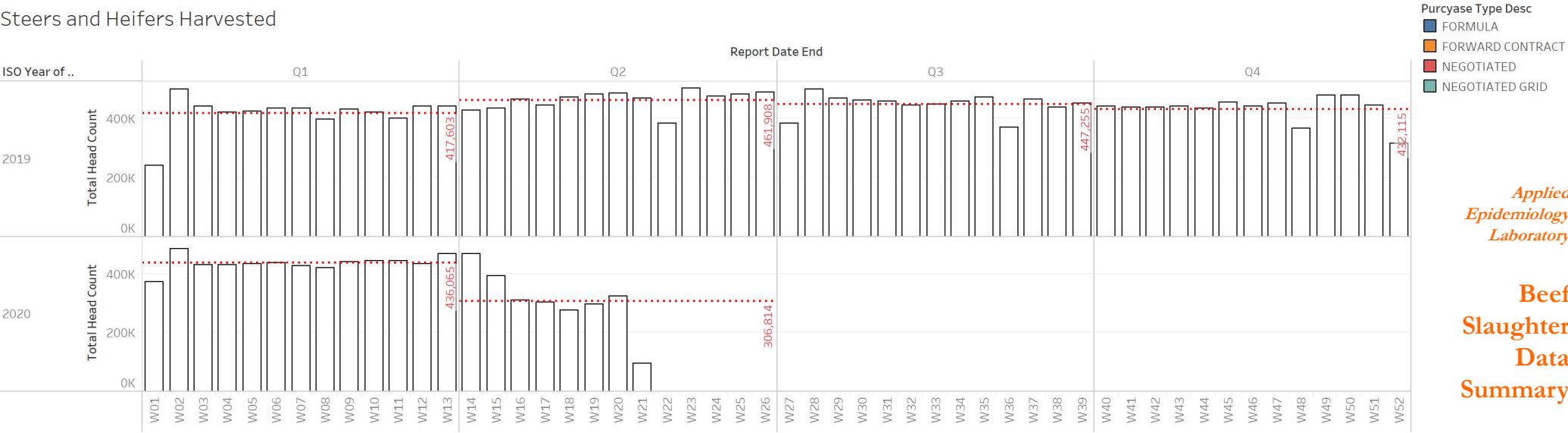


Q2 harvest projected at 95.6% of Q1 harvest for same year (data from 2011-2019, $r^2=0.99$, $p<0.001$)

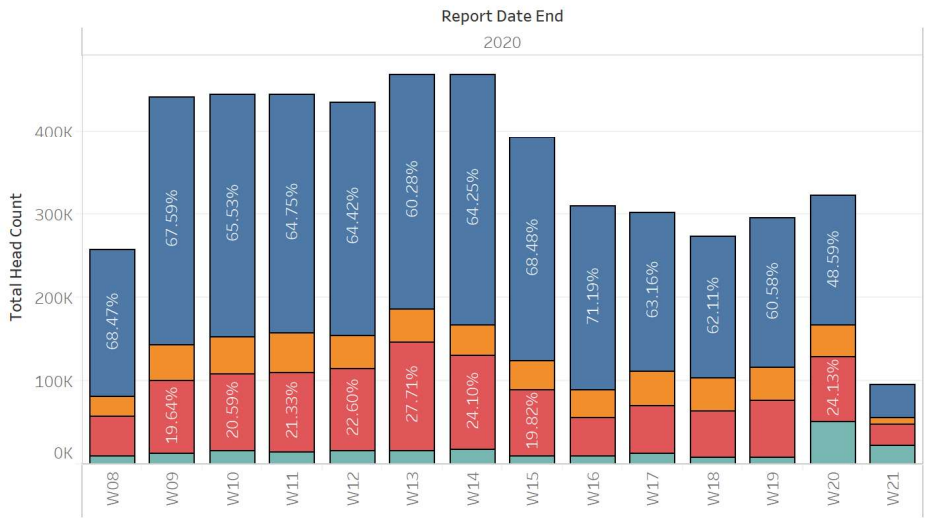
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**Pork
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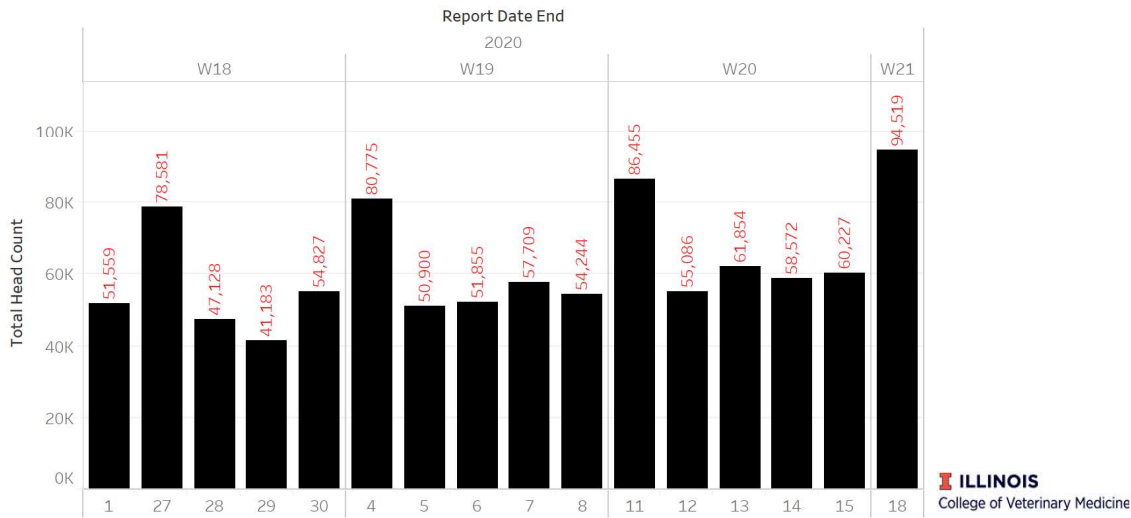
Steers and Heifers Harvested



Steers and Heifers Last 13 weeks



Steers and Heifers last 4 weeks



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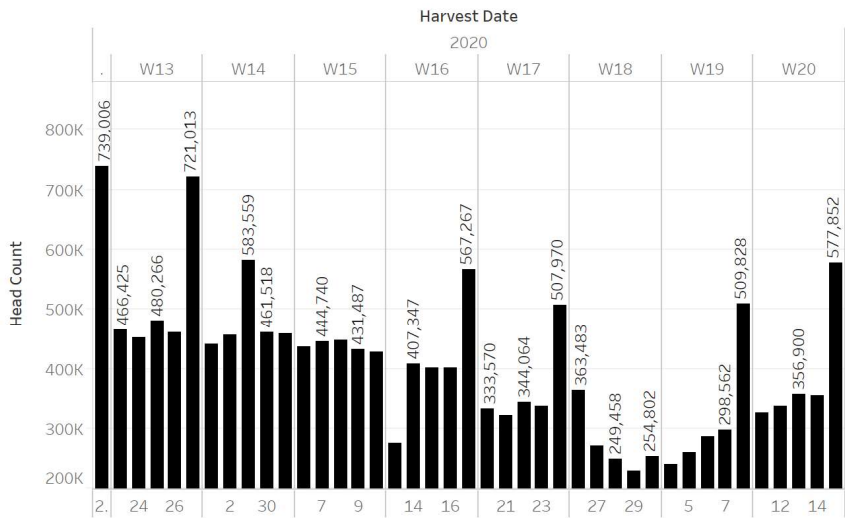
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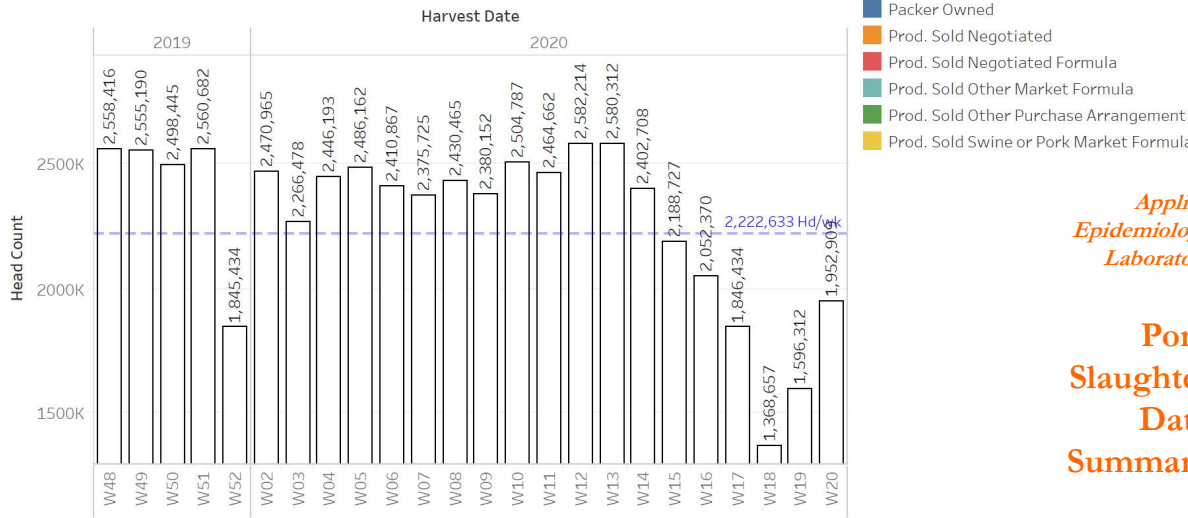
Reported in Metric Units

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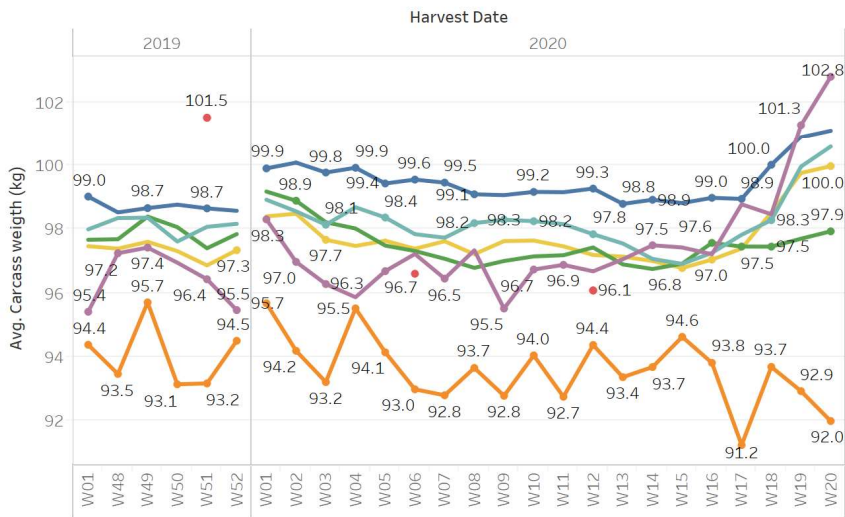
Head harvested per day



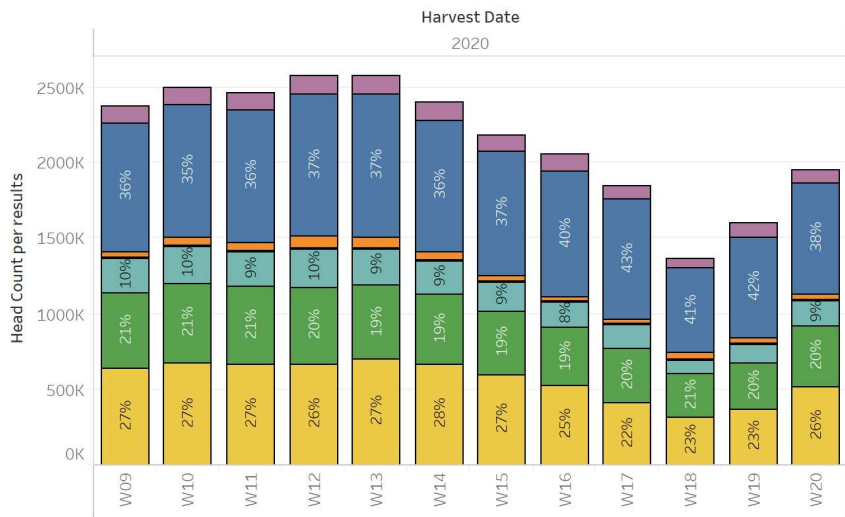
Head Harvested per week



Mean carcass weight kg (weekly)

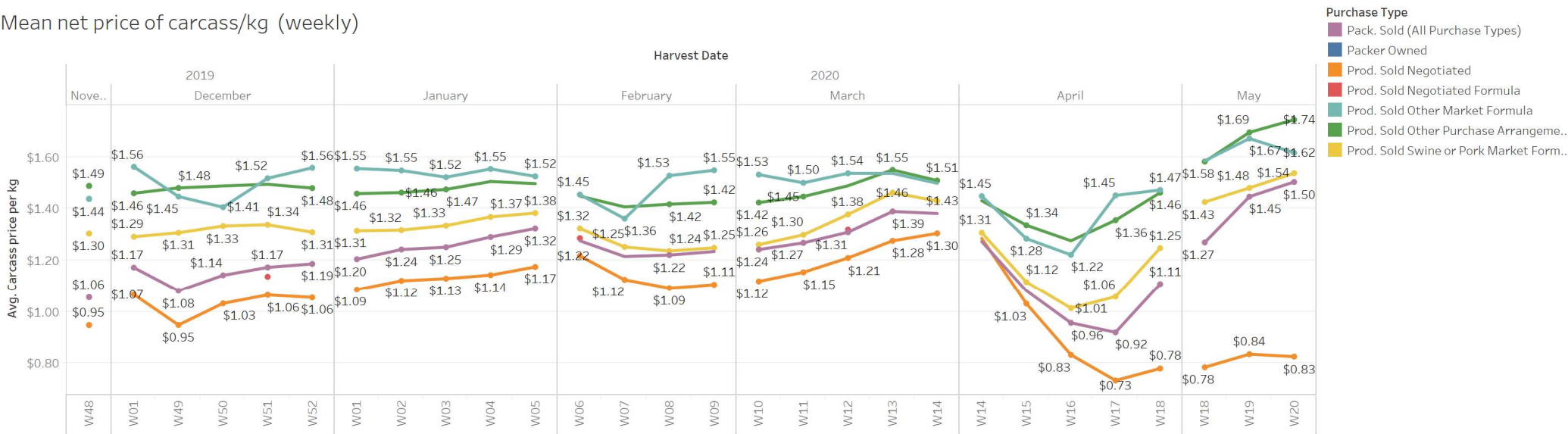


Weekly Harvest by Purchase Type



Reported in
Metric Units

Mean net price of carcass/kg (weekly)



Mean Value Carcass per kg

