

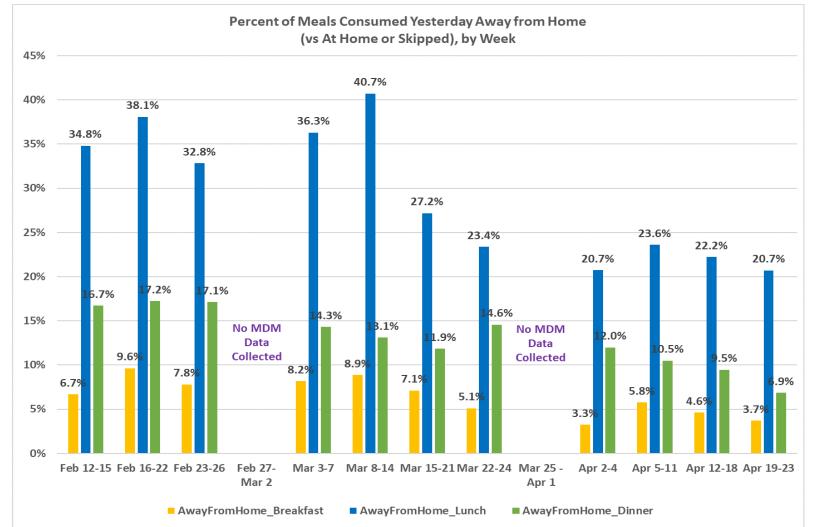
End-User Perspectives

- **1. DOMESTIC RETAIL (GROCERY-STORES)**
- 2. DOMESTIC FOOD SERVICE (RESTAURANTS)





Shift to At-Home: Mid-March thru April





<u>https://www.agmanager.info/livestock-meat/meat-</u>
<u>demand/monthly-meat-demand-monitor-survey-data/meat-</u>
demand-monitor-coronavirus

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Where's my Meat?

COVID-19 Meat Shortages Could Last for Months. Here's What to Know Before Your Next Grocery Shopping Trip

https://time.com/5830178/meat-shortages-coronavirus/

Kansas State University Department Of Agricultural Economics Extension Publication

04/28/2020

Meat Availability and Shortages Overview

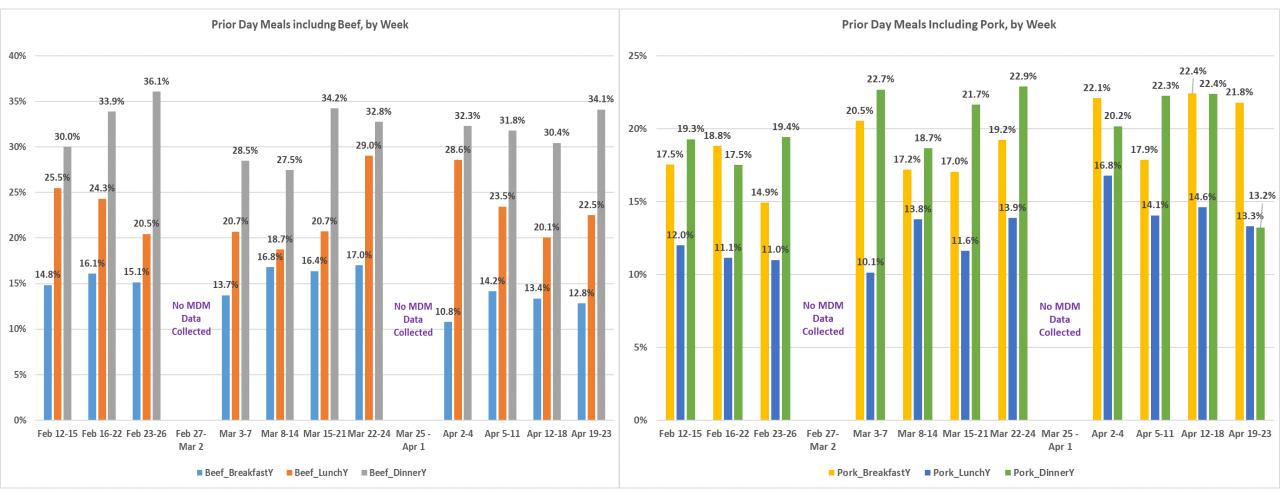
Glynn Tonsor (<u>gtonsor@ksu.edu</u>) Kansas State University Department of Agricultural Economics Lee Schulz (<u>lschulz@iastate.edu</u>) Iowa State University Department of Economics Jayson Lusk (<u>jlusk@purdue.edu</u>) Purdue University, Department of Agricultural Economics https://www.agmanager.info/livestockmeat/marketing-extension-bulletins/tradeand-demand/meat-availability-and-shortages



TIME



Where's my Meat?

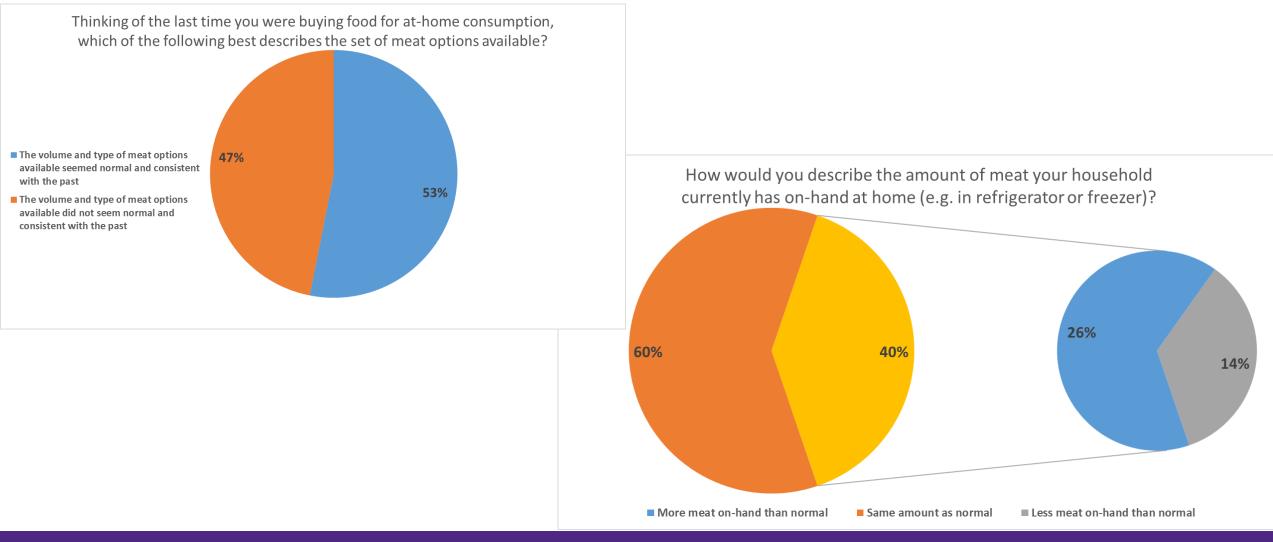




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Many consumers entered May "ready"



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You can have your pork & export it too!

2009-2019 Pork Volumes:

- US Production: +20%
- Domestic Consumption: +11% (+4% per capita)
- Exports: +54%
 - "NOT ALL PORK IS EQUAL"

https://twitter.com/TonsorGlynn/status/1267792065255149568





Share of Pork Primals Exported

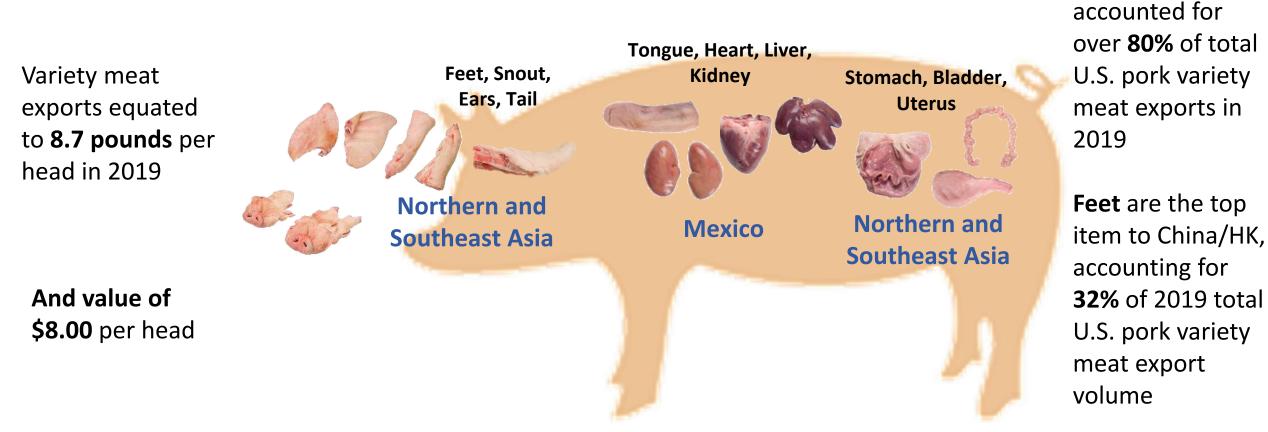
10% Loin 32% Butt Northern 33% **Northern Asia** Leg/Ham Asia Mexico, 13% Rib 6% Belly 60% Latin America, Northern Asia Canada, Additionally 2% Picnic China of 2019 South production was America exported as Northern Asia, boxed South America, carcasses, Mexico, mainly to China Canada



Source: USMEF 2019 estimates <u>https://www.usmef.org/news-</u> <u>statistics/member-news-archive/guide-to-major-destinations-for-u-s-pork-</u> <u>and-beef-cuts-variety-meat/</u>

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The majority of edible pork variety meats are exported China/HK



Source: USMEF 2019 estimates <u>https://www.usmef.org/news-</u> statistics/member-news-archive/guide-to-major-destinations-for-u-s-porkand-beef-cuts-variety-meat/

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& Mexico

Will Meat Demand Weaken? / TBD!

Table 2.1. Aggregate Meat Demand Elasticities Summary

		Beef Demand				Pork [Demand	Chicken Demand			
Period	Beef Price Used	Own- Price	Pork Cross- Price	Chicken Cross-Price	Exp.	Own- Price	Exp.	Own-Price	Exp.		
1988-2017	All-Fresh	-0.479	0.087	0.023	0.803	-0.307	0.141	-0.339	0.425		
1988-2007	All-Fresh	-0.645	0.145	0.026	0.790	-0.229	-0.262	-0.345	0.371		
2008-2017	All-Fresh	-0.450	-0.032	0.083	0.959	-0.089	1.231	-0.378	0.856		
1970-2017	Choice	-0.593	0.120	0.041	0.118	-0.973	-0.170	-0.133	0.218		
1988-2017	Choice	-0.490	0.085	0.021	0.781	-0.313	0.146	-0.345	0.430		
1970-1994	Choice	-0.594	0.138	0.039	0.118	-0.924	-0.004	-0.159	0.003		
1995-2017	Choice	-0.468	0.049	-0.044	0.867	-0.287	0.634	-0.469	0.960		

Assessing Beef Demand Determinants

Prepared for the Cattlemen's Beef Board

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January 18, 2018

Note: "Exp." is Expenditure abbreviated. All Rotterdam models were estimated using iterative three-stage least squares.

WTP Lower for Those		RETAIL			Ground Beef	Pork Chop	Bacon	Chicken Breast	Plant-Based Patty	Shrimp	Beans and Rice	Something Else
		Finances will be Worse in 1 Year	WTP (\$/lb)	\$ 15.64	\$ 6.80	\$ 5.31	\$ 4.36	\$ 6.57	\$ 8.63	\$ 8.56	\$ 1.90	
			Market Share	6.4%	24.0%	11.6%	6.9%	26.4%	3.1%	4.3%	7.0%	10.4%
		Finances will NOT be Worse in 1 Year	WTP (\$/lb)	\$ 16.65	\$ 7.96	\$ 6.60	\$ 5.25	\$ 7.85	\$ 8.12	\$ 9.10	\$ 2.75	
			Market Share	7.3%	23 .3%	13.2%	7.5%	26.2%	2_5%	4.5%	7.5%	8.1%
		FOOD SERVICE			Beef	Pork	Baby	Chicken	Plant-Based	Chrime	Salmon	Something
Expecting		FOOD SERVICE		Steak	Hamburger	Chop	Back Ribs	Breast	Patty	Shrimp Salm		Else
Worse		Finances will be Worse in 1 Year	WTP (\$/lb)	\$ 20.92	\$ 15.20	\$12.45	\$ 14.37	\$ 13.86	\$ 7.29	\$ 14.39	\$16.53	
			Market Share	10.2%	24.1%	4.1%	9.0%	14.2%	2.0%	14.3%	10.5%	11.6%
		Finances will NOT be Worse in 1 Year	WTP (\$/lb)	\$ 25.94	\$ 18.48	\$13.97	\$ 18.00	\$ 17.07	\$ 12.80	\$ 17.34	\$17.38	
			Market Share	15.3%	21 .9%	4.2%	11.0%	14.4%	4.8%	13.8%	7.6%	7.1%



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Will Meat Demand Weaken ? / TBD!

- Renewed resident appreciation of food supply?
- Expanded comfort with at-home cooking & product use?
- Will food (meat) share of expenditures grow?

Projected 2020 Domestic Beef & Pork Consumption STILL > 2018!





More information available at:



This presentation will be available in PDF format at:

http://www.agmanager.info/about/contributors/individual/tonsor.asp

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