

ERS Resources: A Story and Exploration of U.S. Dry Bean Statistics

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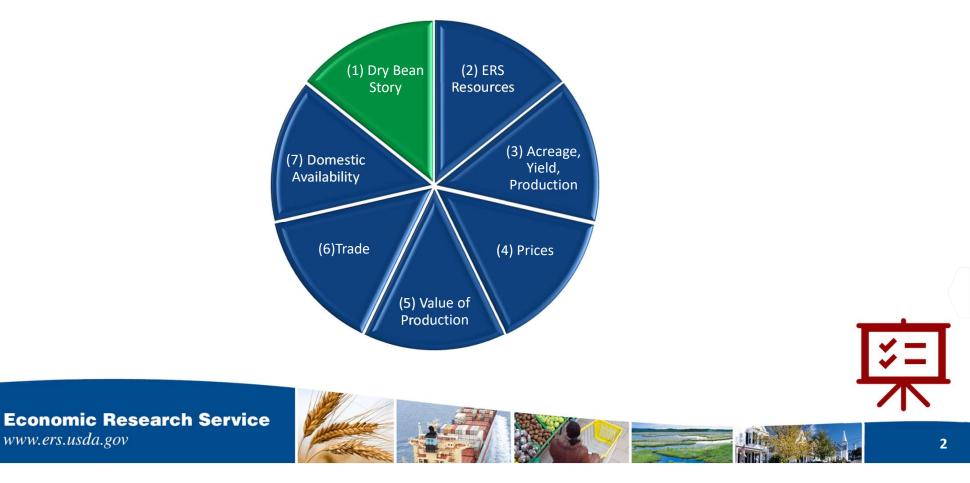
<u>Note</u>: Names listed with presenter first and all other members of the Specialty Crop Team listed in alphabetical order by last name. <u>Disclaimer</u>: The findings and conclusions in this presentation are those of the author(s) and should not be construed to represent any official USDA or U.S. Government determination or policy. This presentation was supported by the U.S. Department of Agriculture, Economic Research Service.

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Key Slices — Presentation Outline

USD













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Home > Topics > Crops > Veg	etables and Pulses						
Vegetables and Pulses				Reports	+		
Overview	Contraction of the second	a dai		Amber Waves Articles	+		
Market Outlook	5	Data +					
Commodity Highlights	The U.S. vegetables and pulses sector co	moriese hundrade of		Topics	+		
Data	independent markets within the food-ma U.S. farm cash receipts from the sale of v (including potatoes and mushrooms) aver of U.S. crop cash receipts. This amount w percent of all U.S. harvested acreage. Am proxy for consumption) of vegetables and	rketing system. During regetables and pulses raged \$19.4 billion – 10 as generated on less tl nual per capita availab	0 percent han 2 pility (a				

averaged 404 pounds - down 4 percent from a decade earlier ERS provides a range of data products and reports on vegetable and pulse markets including domestic supply, demand, trade, and prices.

Periodic, Scheduled Outputs

- Outlook reports are published two times a year and provide current intelligence and forecasts on changing conditions in the U.S. vegetable and pulses sector. Interactive charts and highlights of the most recent Outlook report are available on the Market Outlook. Historical Vegetables and Pulses Outlook reports are available from the Mann Library under historical titles: The Vegetable Situation. Vegetables and Melons Outlook. and Vegetable and Pulses Outlook.
- · Vegetables and Pulses Data are updated monthly and provide prices, price indexes and trade for the sector and for individual commodities.
- <u>Vegetables and Pulses Yearbook Tables</u> updated annually and contain Excel spreadsheets detailing a 40 year time series of supply, availability (including per capita use), and price for a range of U.S. fresh and processing vegetables.

Recent ERS Reports Relating to Vegetables and Pulses

In addition to the periodic Outlook reports and data products, ERS disseminates reports covering issues important to vegetable and pulse crop markets in the United States and around the world. Recent ERS reports relating to vegetable and pulse crops include:

A Dry Bean Story

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So, who won?

Bailey Experience or Bailey Youth?



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A Dry Bean Story

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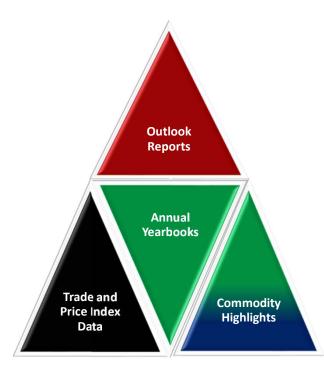


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ERS Specialty Crop Resources for Pulse Crops





Annual Yearbook Tables – High Level Inventory

Pulse Yearbook Tables Supply and availability (13) Import and export value (2) Per capita availability (2) Harvest, production, and crop value (1)

			upply	Availability					- Pounds -	Season average price U.S. dollars/cwt	
'ear	Production/2	Imports/3	Beginning stocks/4	Total supply	Exports/3	Seed use/5	Ending stocks/4	Domestic availability	Per capita availability	Current dollars/2,6	Constant 20 dollars/7
984	2,107.0	58.3		3,086.6	593.8	84.0	1,130.8	1,278.0	5.41	18.70	
985	2,217.5	58.1		3,406.4	638.4	84.9	1,034.8	1,648.2	6.91	17.60	
986	2,288.6	47.5		3,370.9	846.0	93.4	901.2	1,530.2	6.36	19.10	
987	2,603.1	53.3	3 901.2	3,557.6	758.6	78.6	1,413.3	1,307.2		16.50	
988	1,925.3	64.5		3,403.1	838.7	92.2	794.6	1,677.6	6.85	29.90	
1989	2,372.9	97.3	2 794.6	3,264.7	832.1	110.6	981,6	1,340.5	5.42	28.50	
990	3,237.9	90.3		4,309.7	1,107.3	97.1	1,422.2	1,683.2	6.73	18.50	
991	3,376.5	75.8		4,874.5	1,011.3	81.3	1,919.4	1,862.5		15.60	
992	2,261.5	67.1	7 1,919.4	4,248.7	620.3	92.2	1,527.7	2,008.5	7.82	19.90	
993	2,186.2	67.4		3,781.3	683.2	99.4	1,118.0	1,880.8	7.23	24.60	
994	2,896.7	75.5		4,090.5	797.0	104.5	1,158.5	2,030.5	7.71	22.50	
995	3,069.0	84.8	8 1,158.5	4,312.3	831.7	93.6	1,386.2	2,000.8	7.51	20.80	
996	2,791.2	88.0		4,265.4	754.3	96.7	1,409.6	2,004.8	7.43	23.50	
997	2,937.0	100.8	8 1,409.6	4,447.4	803.2	105.2	1,520.3	2,018.7	7.40	19.30	
998	3,041.8	92.4		4,654.5	1,106.3	105.7	1,438.0	2,004.4	7.26	19.00	
999	3,314.6	125.0	0 1,438.0	4,877.6	843.9	91.9	1,762.7	2,179.1	7.80	16.40	
000	2.654.3	128.5	9 1.762.7	4.545.9	788.4	75.7	1,512.2	2,169.7	7.68	15.50	
001	1,961.0	192.5		3,665.7	755.5	100.4	800.8	2,009.0	7.04	22.10	
002	3,031.2	245.8	8.008	4,077.8	673.2	73.8	1,368.0	1,962.8	6.81	17.10	
003	2,249.2	190.6	6 1,368.0	3,807.7	648.4	70.3	1,119.8	1,969.2	6.77	18.40	
004	1,774.3	207.1	1 1,119.8	3,101.2	561.4	84.6	697.9	1,757.3	5.99	25.70	
005	2,657.6	224.9		3,580.4	564.1	84.6	1,118.3	1,813.4	6.12	18.50	
006	2,415.5	237.3	2 1,118.3	3,771.1	791.8	79.8	971.9	1,927.5	6.45	22.10	
007	2,558.6	283.0		3,814.3	668.3	78.1	1,145.4	1,922.6	6.37	28.80	
800	2,558.8	327.1	1 1,145.4	4,029.3	916.0	81.0	1,066.5	1,965.8	6.45	34.60	
009	2,542.7	296.9	9 1,066.5	3,906.1	1,035.1	99.9	1,002.4	1,768.7	5.75	30.00	
010	3,180.1	288.0	8 1,002.4	4,471.3	1,000.6	65.3	1,184.7	2.220.8	7.17	28.00	
011	1,989.0	320.1	3 1,184.7	3,493.9	983.3	91.3	772.9	1,646.4	5.28	42.10	
012	3,192,5	310.3	2 772.9	4,275.6	1,237,5	72.2	1,257.7	1708.2	5.44	38.00	
013	2,458.7	265.1		3,982.1	1,086.6	90.1	1,172.5	1,632.8	5.16	39.10	
014	2,891.0	335.4	0 1,172.5	4,398.5	1,179.3	94.2	1,211.8	1,913.2	6.01	32.30	
015	3,005.7	349.5	5 1,211.8	4,567.0	946.6	88.3	1,248.8	2,283.2	7.12	27.30	
016	2,872.4	339.3	3 1,248.8	4,460.5	1,023.3	114.2	1,160.4	2,162.5	6.69	29.20	
017	3,596.1	350.7	7 1,168.5	5,115.4	1,181.1	116.0	1,346.0	2,472.3	7.60	26.70	
018	3,774.5	392.9		5,521.3	913.9	95.9	1,770.2	2,741.3		25.40	
019	2,701.2	314.3	2 1,778.8	4,794.2	1,127.7	107.8	1,586.6	1,972.2	6.00	31.80	
020	3.675.2	439.3	3 1.592.1	5,706.6	1,144.1	96.4	1,802.7	2.663.4	8.07	30.89	
021	2,558.2	420.9		4,786.7	1,031.3	91.5	1,268.6	2.397.4		38.98	
	lable, Cwt = hundredweight.			4,100.7	1,001.0	01.0	1,200.0	4,001.5	1.20		

2) Source USA, Natonai Agricultural Statistics Service. 3 9) Source USA Department of Common, US, Scenus Bureau. 4 4 Assumes no carryover into next crop year. Approximated from State dry bean marketin § Stamated by USA, Economic Research Service. 6 (6) Season-verage grover price across al Casases. Estimated by USDA, ERS atter 2019. 7 (7) Cented by the Grans Demask Dryduct implicit price defater, 2012-100.



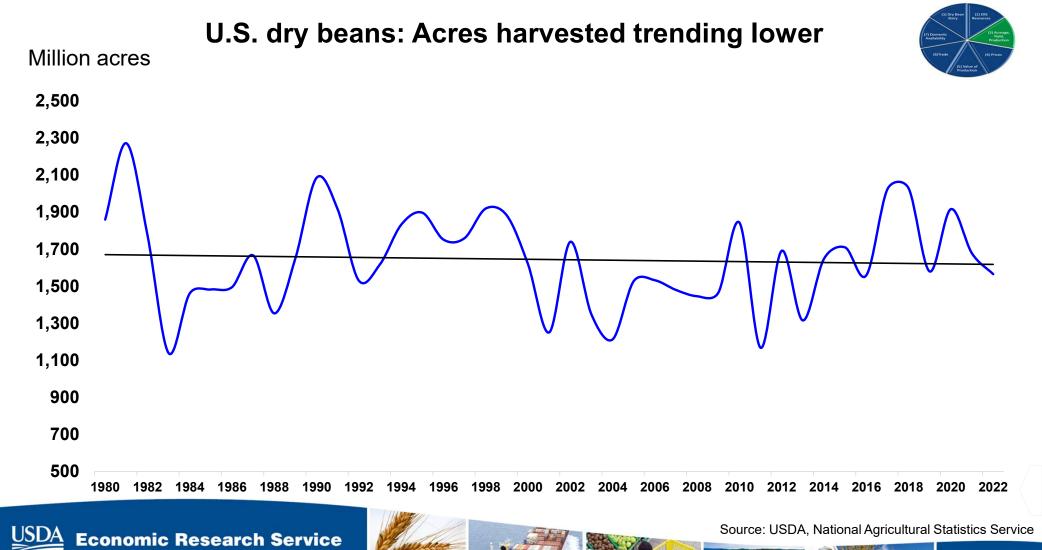
Commodity Highlights – High Level Inventory



Select a co Production and prices, 2002-2021 Edible beans all, exc (Left axis) Current U.S. dollars per cwt

ch Service, Vegetables and Pulses

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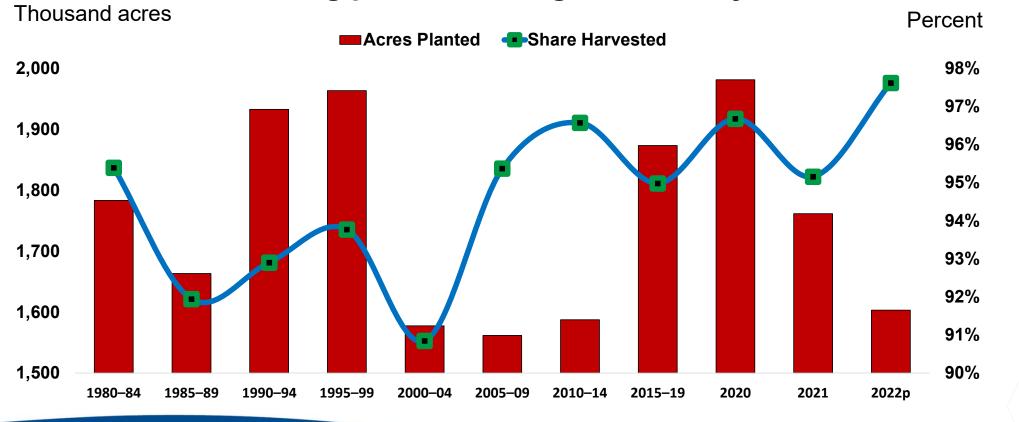




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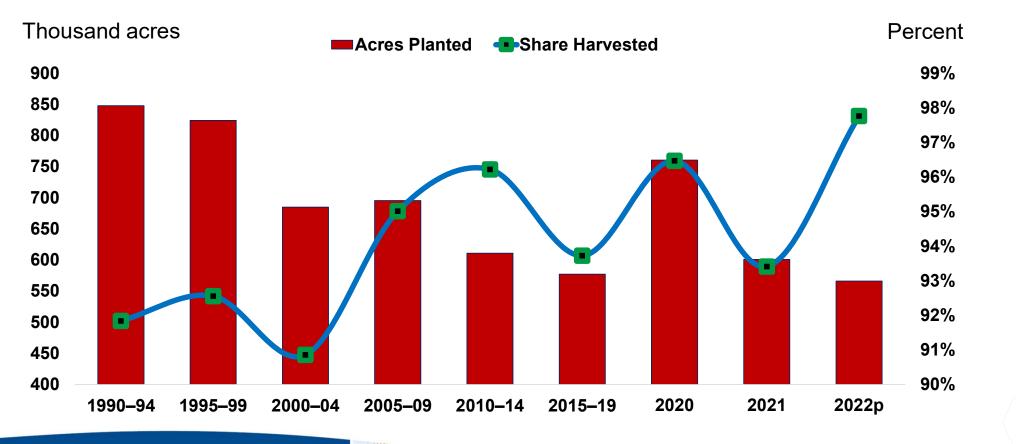
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U.S. dry beans: Area seeded and share harvested with declining planted acreage in recent years



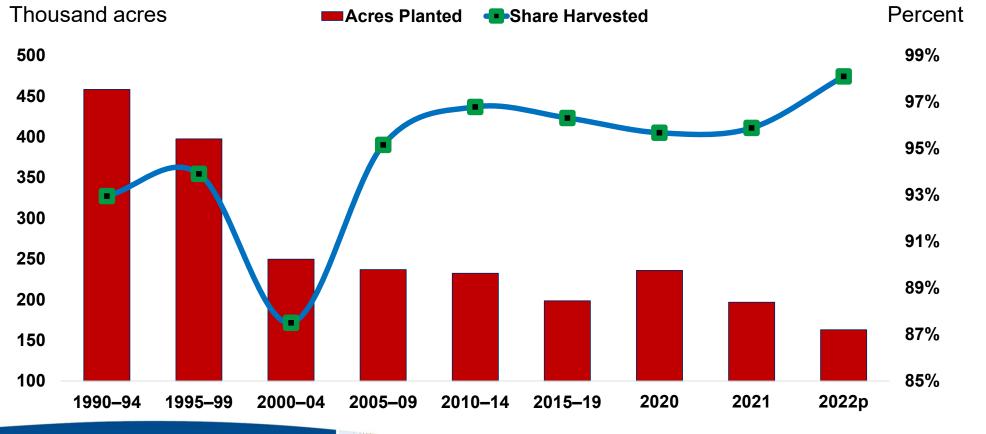


U.S. pinto beans: Area seeded and share harvested



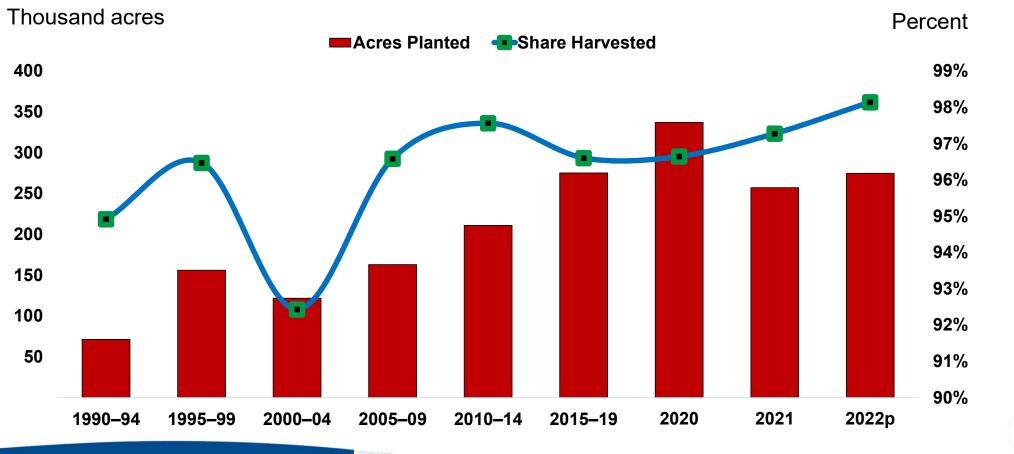


U.S. navy beans: Area seeded & share harvested





U.S. black beans: Area seeded & share harvested

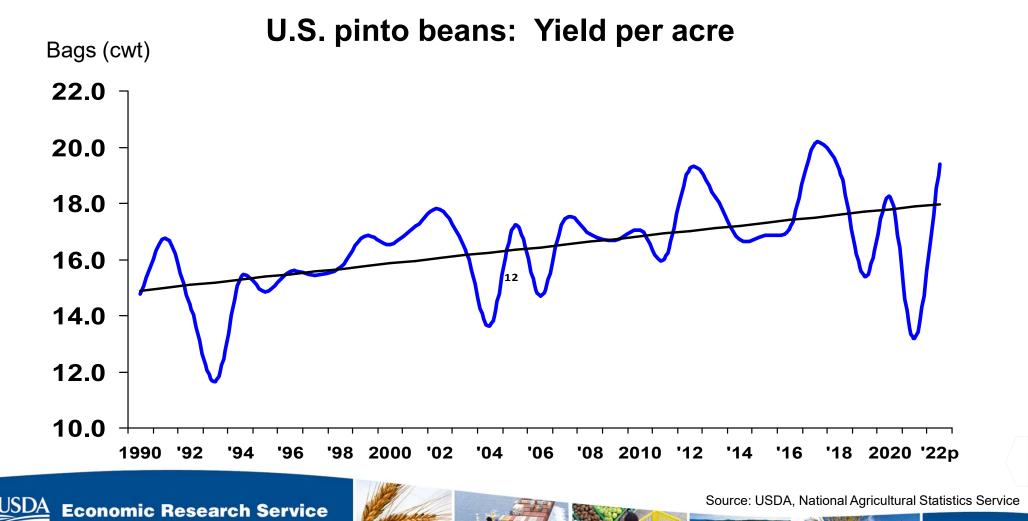




Bags (cwt) 22 20 18 16 14 12 10 1990 '92 '94 '96 '98 2000 '02 '04 '06 '08 2010 '12 '14 '16 '18 2020 22p

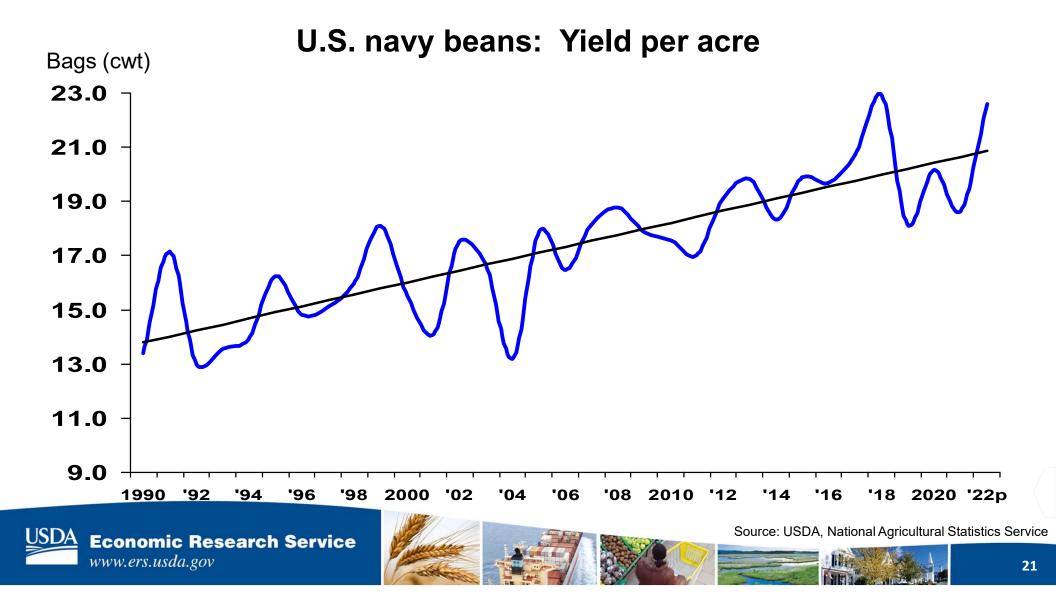
U.S. dry beans: Yield per acre

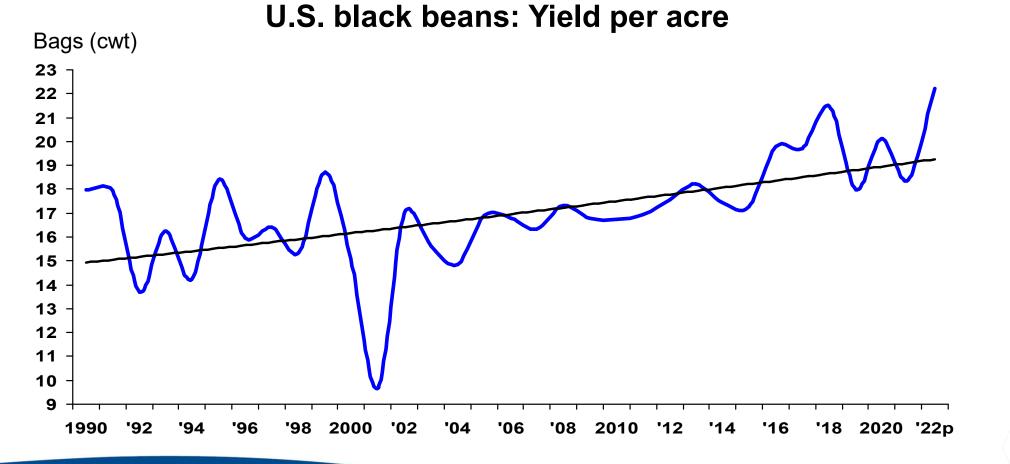




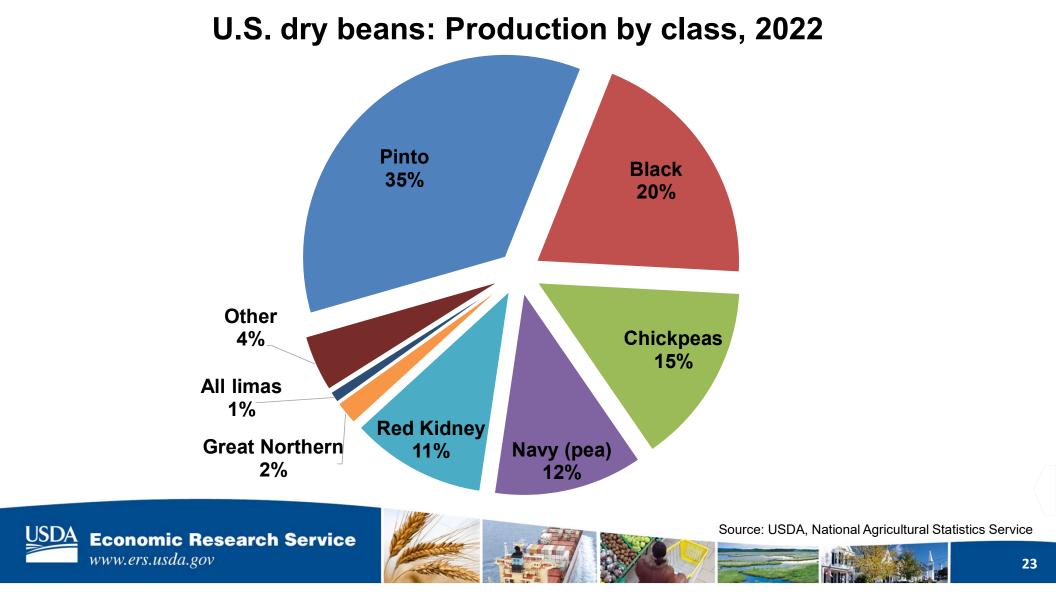
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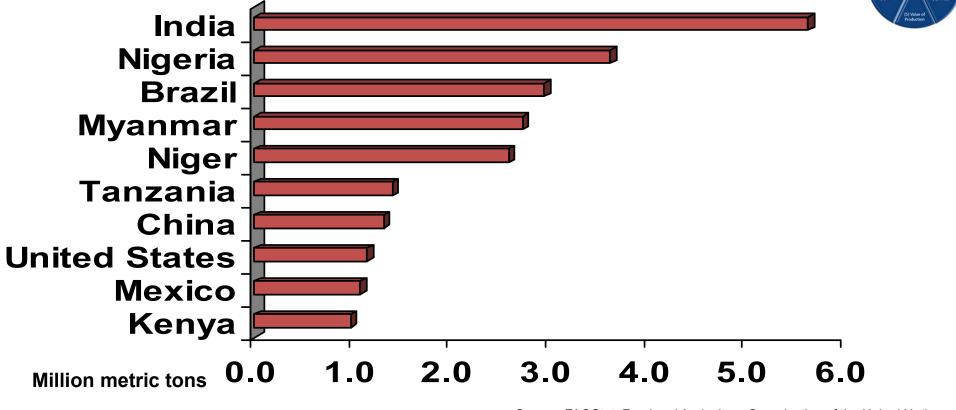






World dry beans: Top 10 producers by country, 2019–21



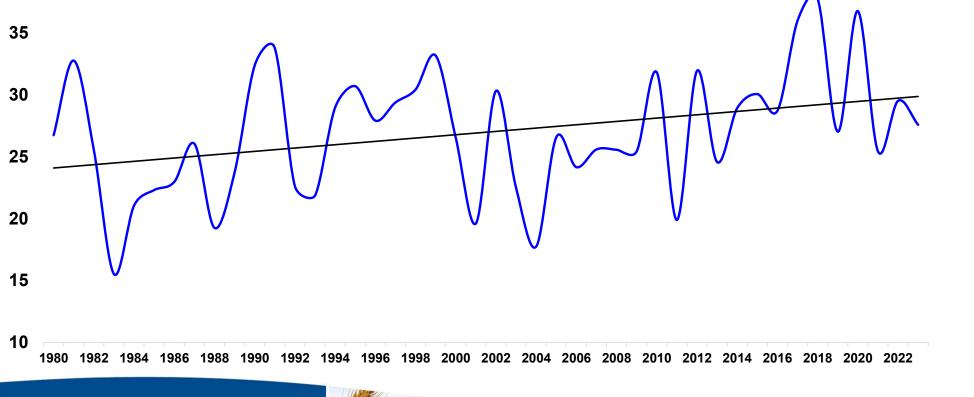




Economic Research Service www.ers.usda.gov Source: FAOStat, Food and Agriculture Organization of the United Nations. Includes cowpeas but excludes broad beans.

U.S. dry beans: Production trends higher in the long-term Million cwt

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U.S. dry beans, excluding chickpeas: Monthly grower prices in 2022/23 below the high levels experienced a year earlier



North Dakota dry beans: Monthly grower prices

2020/21

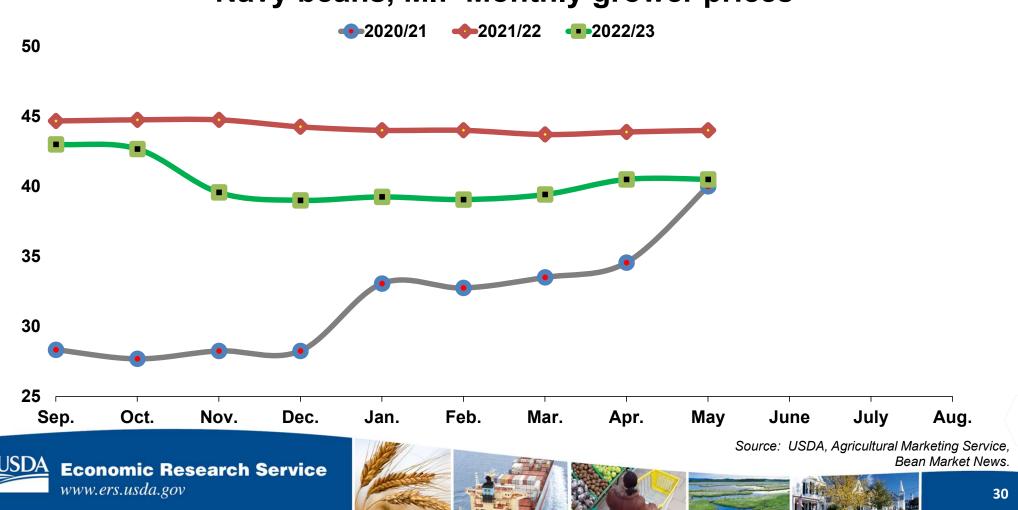


Michigan dry beans: Monthly grower prices



Pinto beans, ND/MN: Monthly grower prices in 2022/23 below the high levels from previous year

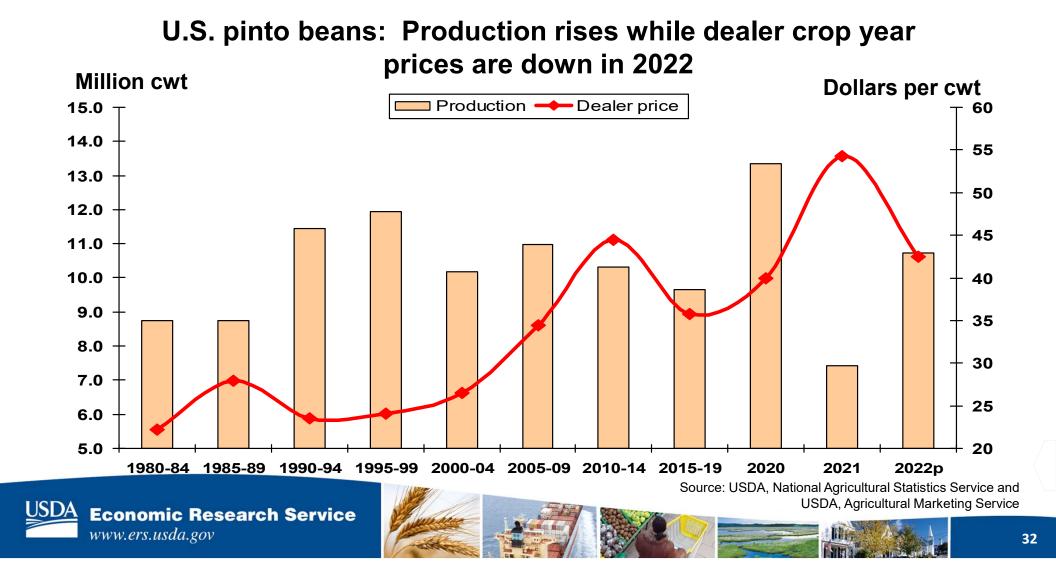




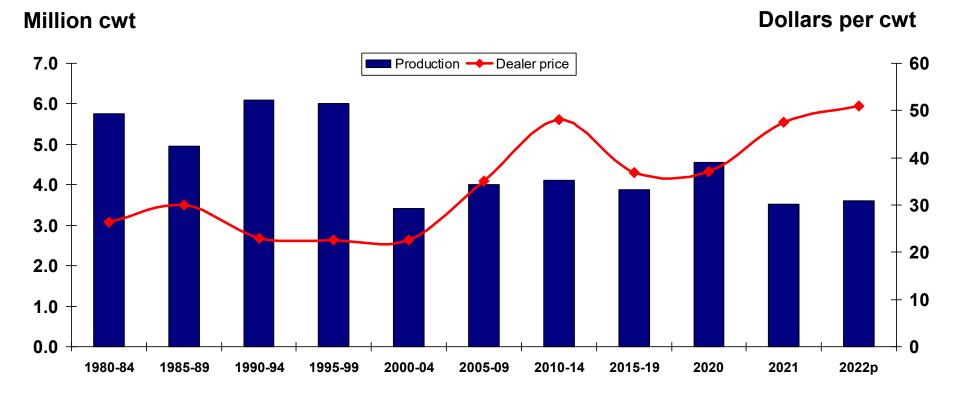
Navy beans, MI: Monthly grower prices

Black beans, MI: Monthly grower prices



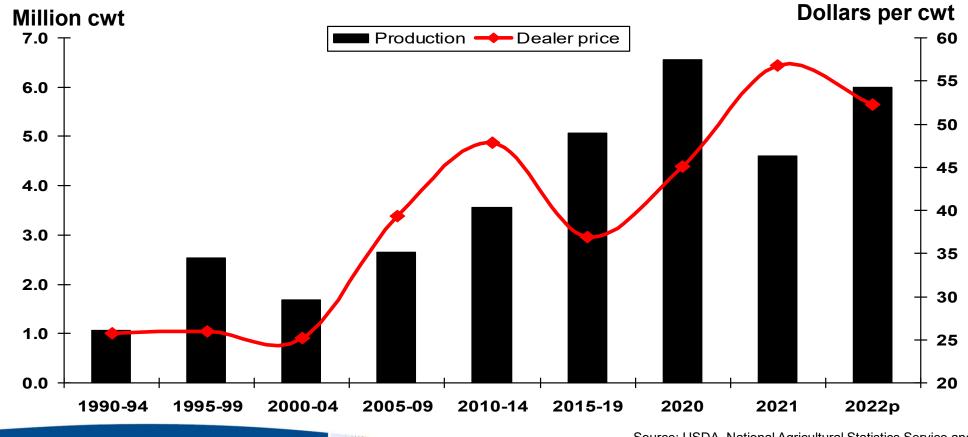


U.S. navy beans: Production and dealer crop year price both rise slightly



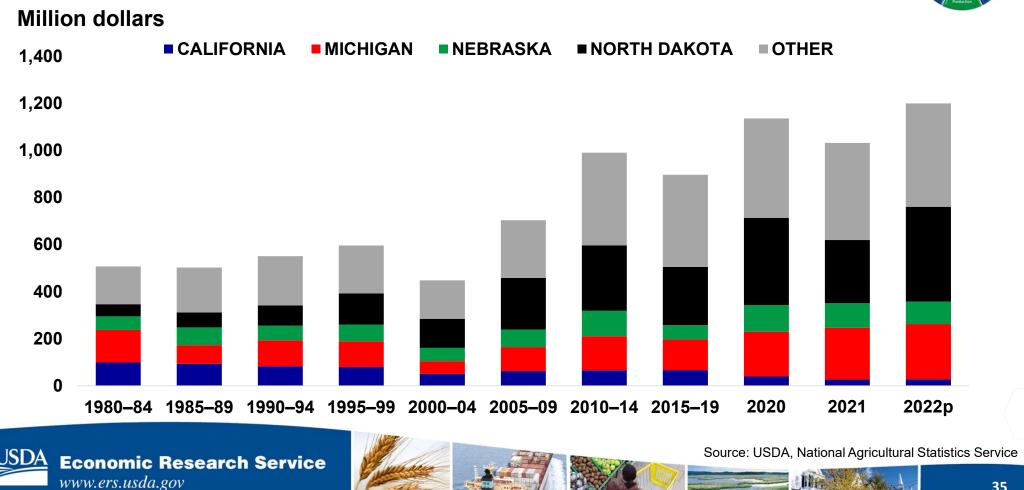


U.S. black beans: Production rises and dealer crop year price declines in 2022

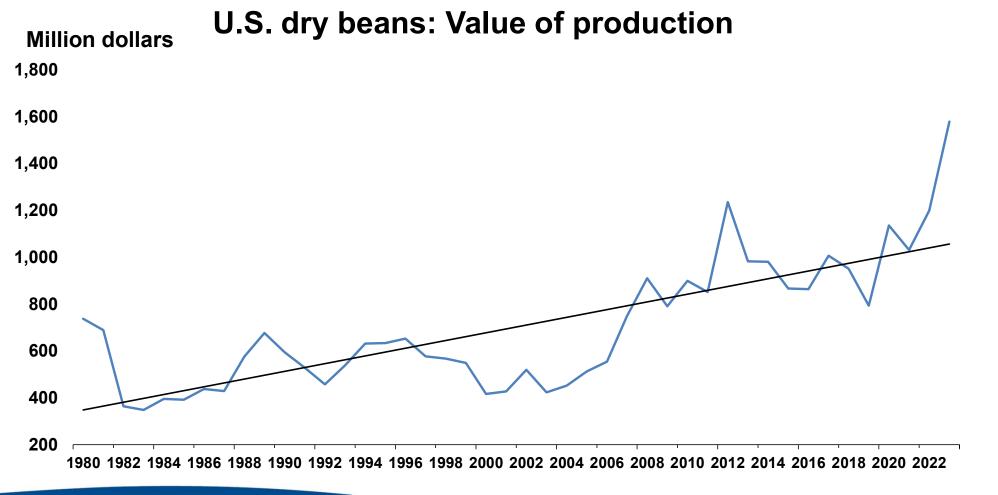




U.S. dry beans: State value of production rises in North Dakota and Michigan while California and Nebraska Shrink



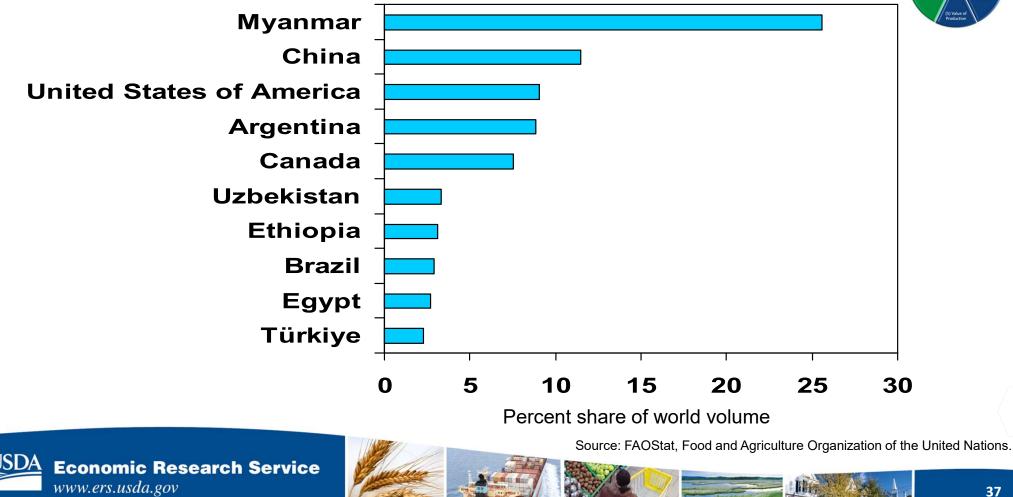
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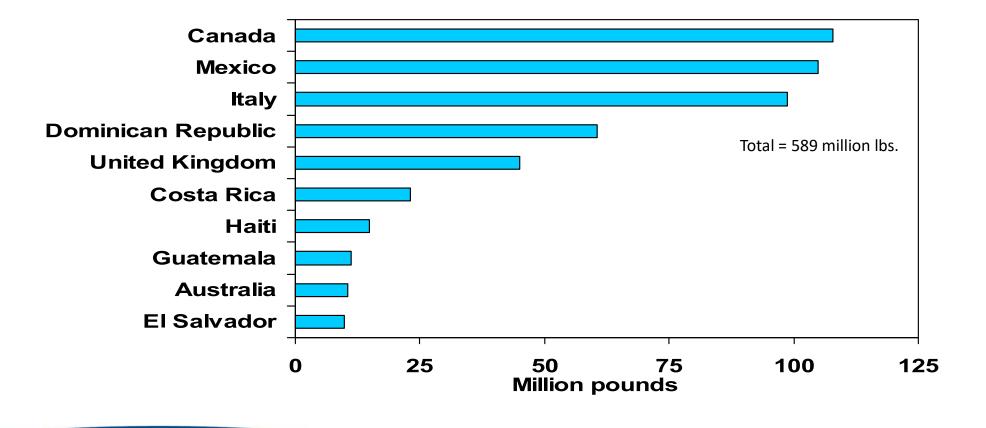




Top world dry bean exporters, 2019–2021

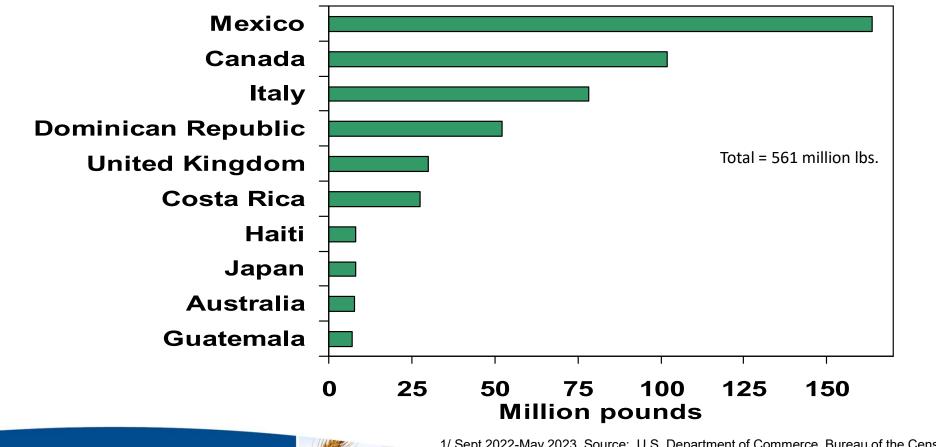


U.S. dry bean crop year exports: Top markets, 2021/22 1/



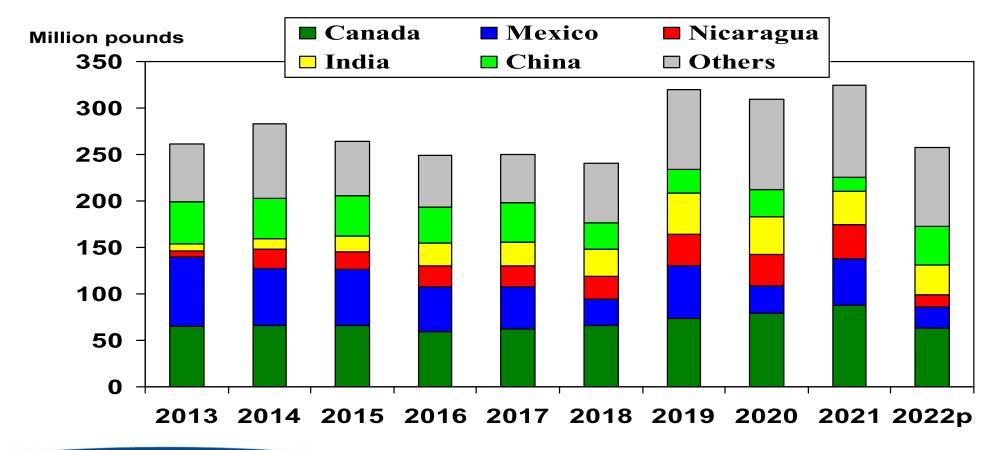


U.S. dry bean crop year exports: Top markets, 2022/23 1/



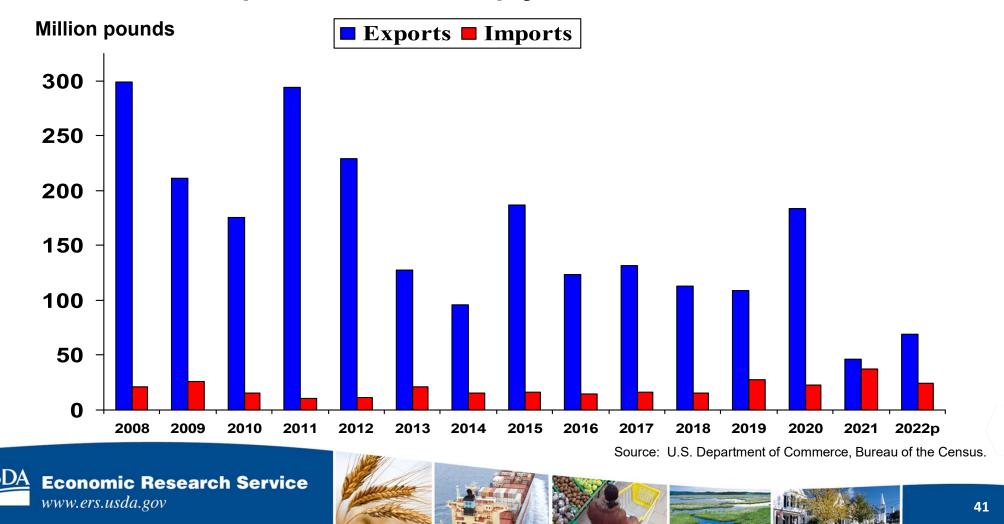


U.S. dry beans: Crop year import volume/1

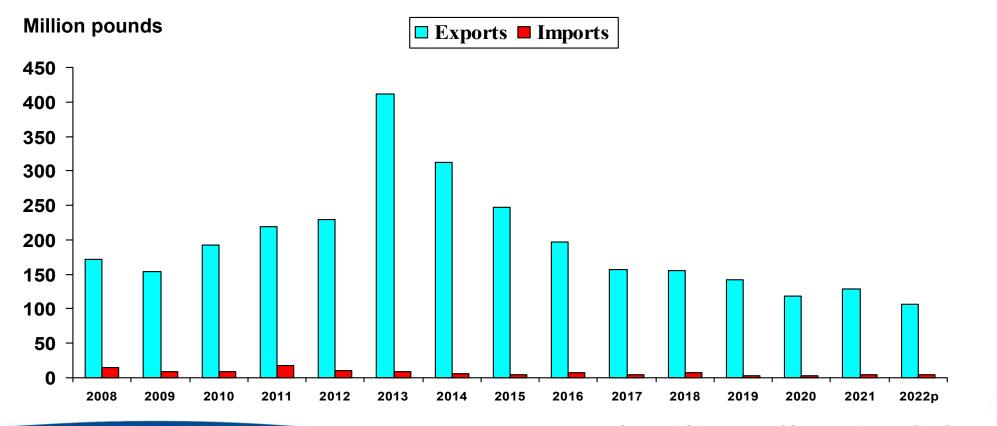




U.S. pinto beans: Crop year trade volume



U.S. navy beans: Crop year trade volume



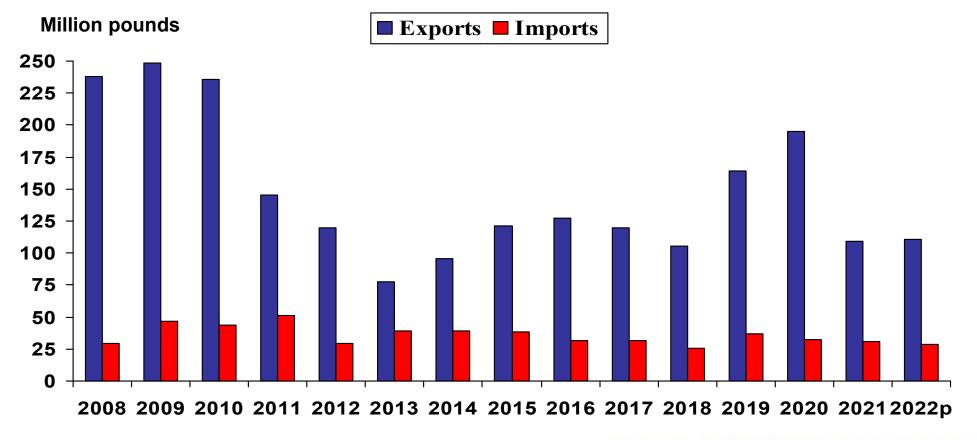


Economic Research Service

Source: U.S. Department of Commerce, Bureau of the Census.

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U.S. black beans: Crop year trade volume

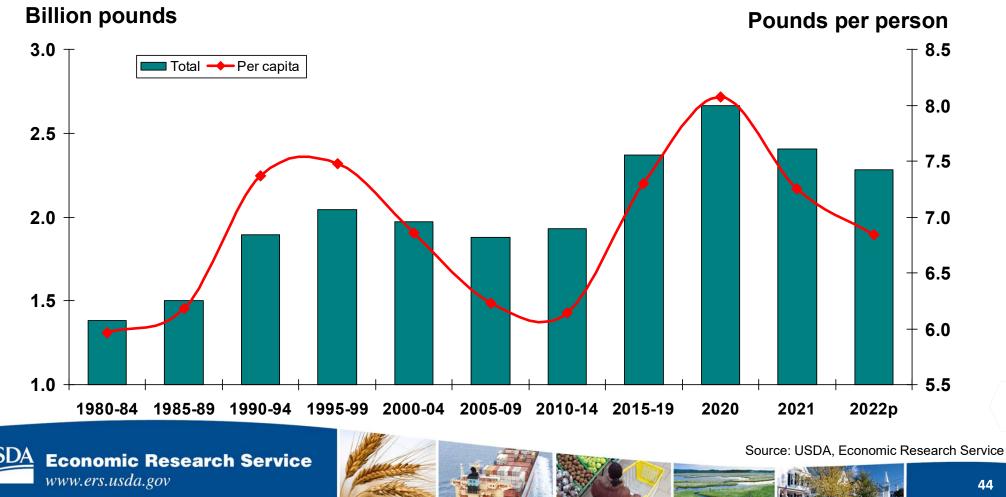


Source: U.S. Department of Commerce, Bureau of the Census.

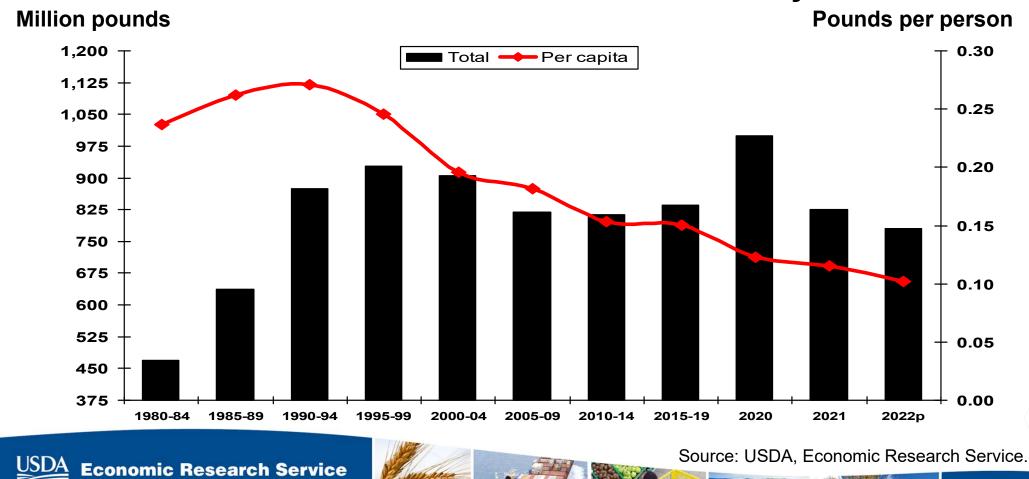




U.S. dry beans: Domestic availability

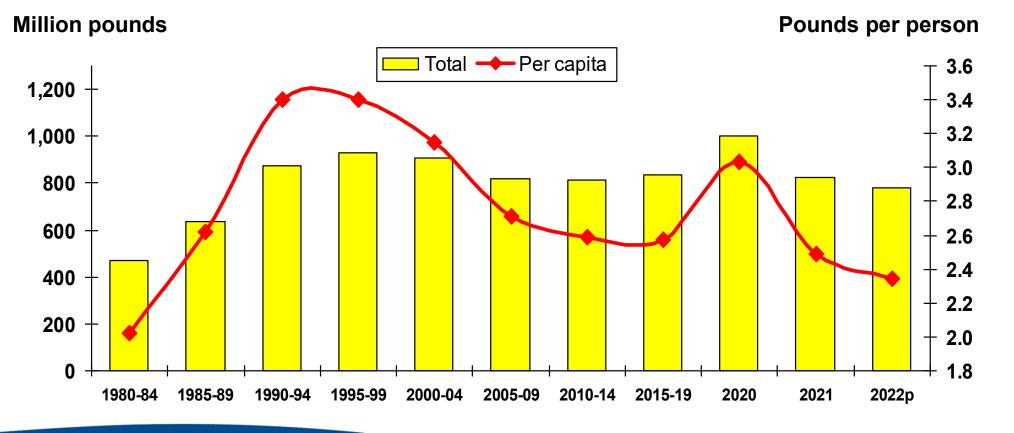


U.S. black beans: Domestic availability



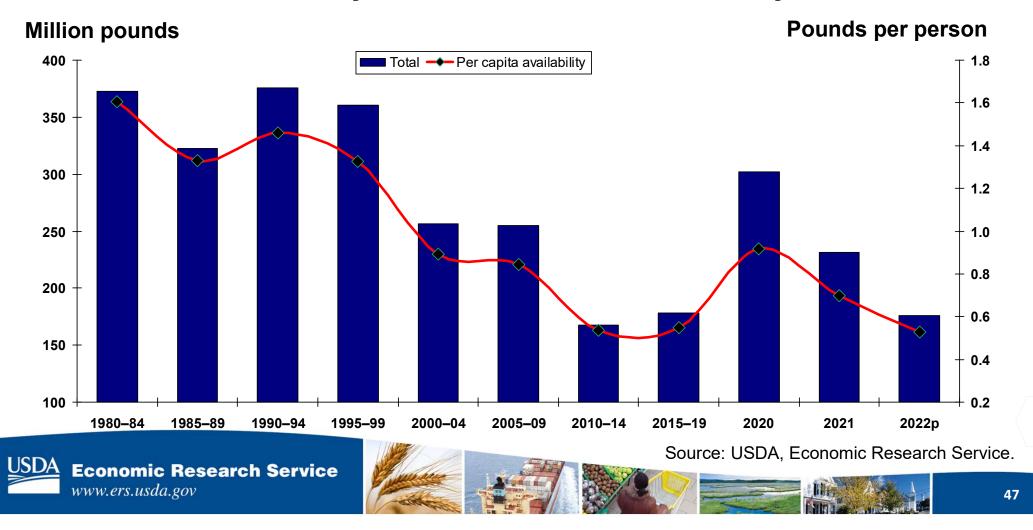
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U.S. pinto beans: Domestic availability





U.S. navy beans: Domestic availability



Recap, Resources, and Reach Out

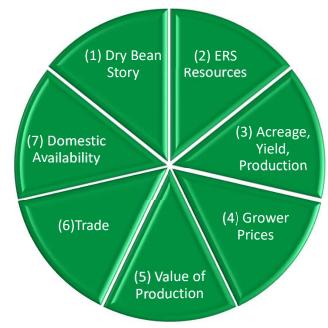


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Recap, Resources, and Reach Out

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