

Historical Soybean Yields by County in Iowa

The average soybean yields for counties in Iowa are included in this file. Averages from 2013 through 2022 are included in the tables and graphs. This information is helpful for seeing trends in yields over the past ten years. Counties are sorted alphabetically by crop reporting district.

The information presented in this file was released February 24, 2023 from the [USDA National Agricultural Statistics Service](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), Iowa Office, nass.usda.gov/Statistics_by_State/Iowa/index.php. For all years, any missing yield data points were not disclosed by USDA NASS. Starting with the 2020 data release, USDA NASS did not release data at the crop reporting district level, and all counties not reported were averaged into one category for “Other Counties.”

Table 1. Northwest Iowa district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Buena Vista	44.9	49.1	59.6	60.2	56.5	55.5	53.5		63.8	57.2	55.6
Cherokee	53.7	55.8	62.7	69.6	62.4	64.3	58.8	57.2		59.6	60.5
Clay	44.4	47.8	60.7	61.9	57.6	52.6	50.9	50.3	62.4	56.9	54.6
Dickinson	44.7	44.0	56.4	56.1	57.7	49.8	51.3	55.5	56.0	58.8	53.0
Emmet	40.9	42.3	58.1	58.5	58.9	46.7		56.0	59.6	62.8	53.8
Lyon	57.9	53.7	61.1	66.1	63.8	60.6	54.8	60.8	63.6	62.2	60.5
O'Brien	57.3	55.7	62.6	63.9	62.3	59.9	56.0	62.0	66.4	59.4	60.6
Osceola	49.0	52.2	59.8	56.1	59.7	57.2	50.5		62.9	56.3	56.0
Palo Alto	40.1	45.7	59.5	59.7	57.8	48.8	55.6		61.6	57.9	54.1
Plymouth	54.2	56.7	60.1	66.1	59.6	61.3				47.8	58.0
Pocahontas	41.1	47.8	58.0	60.6	58.2	49.7		54.6	65.0	56.5	54.6
Sioux	61.2	60.4	64.1	65.8	65.2	65.8	60.8		70.5	62.9	64.1
Other (Combined) Counties							54.0				

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 2. North Central Iowa district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Butler	49.4	46.3	57.7	59.9	55.9	56.1	55.0	54.2	60.8	61.6	55.7
Cerro Gordo	40.3	50.2	58.9	58.6	55.2	51.7	52.7	59.8	61.0	60.8	54.9
Floyd	46.9	47.6	58.0	57.5	54.1	49.8	54.3	54.0		61.9	53.8
Franklin	46.0	47.4	57.8	60.5	57.0	58.5	54.1	55.4	59.7	62.8	55.9
Hancock	45.7	47.6	59.6	62.4	57.4	53.2	49.6	60.0	63.5	63.0	56.2
Humboldt	43.9	46.4	56.6	61.0	58.0	50.4	54.9	56.9	62.4	59.0	55.0
Kossuth	42.9	46.5	61.0	63.4	60.4	54.2	57.4	60.2	60.4	56.2	56.3
Mitchell	40.8	49.2	59.7	61.0	54.4	55.6	49.8	59.4	62.5	64.6	55.7
Winnebago	38.8	47.6	59.4	62.5	59.9	51.8	54.2	60.8	61.6	64.4	56.1
Worth	41.1	49.8	59.4	58.2	54.8	53.7	51.0	58.2	60.1	62.0	54.8
Wright	43.5	42.7	59.0	58.8	57.9	52.6	54.1	55.9	61.0	60.6	54.6

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 3. Northeast Iowa district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Allamakee	50.7	50.6	54.1	56.8	52.6	52.8		58.8	61.9	61.2	55.5
Black Hawk	47.2	49.2	56.0	61.8	59.5	58.4	51.9	54.2	60.1	64.5	56.3
Bremer	49.9	48.2	59.4	62.1	56.8	57.3	52.5		62.0	66.7	57.2
Buchanan	49.2	49.5	57.7	60.2	55.9	57.2	55.2	56.7	63.4	65.0	57.0
Chickasaw	47.2	46.6	55.6	56.0	50.4	53.2	54.5	55.9		63.6	53.7
Clayton	55.1	51.5	56.8	63.2	59.0	58.8	56.4	60.1		64.5	58.4
Delaware	55.4	49.7	56.8	63.8	63.0	63.9		61.1	66.4	67.4	60.8
Dubuque	57.2	55.1	59.1	57.8	59.6	62.0	60.2		70.5	68.6	61.1
Fayette	50.0	49.5	56.3	62.3	56.3	56.5	55.5	55.9	64.4	63.4	57.0
Howard	41.2	48.7	59.9	56.4	51.6	53.7	52.1	54.5	60.3	60.9	53.9
Winneshiek	48.9	50.1	55.6	58.4	54.6	51.7	55.6	53.6	61.8	66.3	55.7
Other (Combined) Counties							56.4				

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 4. West Central Iowa district average soybean yields, 2013-2022 (bushel/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Audubon	45.0	55.2	57.8	62.0	57.2	52.3	58.9	48.3	67.3	57.9	56.2
Calhoun	36.4	51.0	55.2	62.3	57.5	53.1	55.1	47.7	63.5	61.2	54.3
Carroll	41.8	55.9	58.0	58.7	60.4	59.0	58.8	54.8	65.3	58.9	57.2
Crawford	46.4	55.6	58.5	64.3	61.3	61.7	61.9	54.2	63.5	62.8	59.0
Greene	36.5	52.2	53.6	63.5	56.7	55.5	54.2	49.0	64.1	59.0	54.4
Guthrie	38.9	47.8	54.4	58.4	59.2	52.0	54.2	45.5		58.6	52.1
Harrison	49.4	49.2	52.1	58.2	53.7	52.6		52.1		52.4	52.5
Ida	51.1	55.7	60.2	67.6	62.1	63.8		55.5	65.6	63.1	60.5
Monona	52.5	47.2	52.4	56.1	57.1	55.3	55.8	56.0	61.8	48.6	54.3
Sac	42.6	55.2	60.7	63.3	57.8	60.7	59.3	47.1		61.3	56.4
Shelby	51.3	55.3	57.2	60.5	58.2	57.8	58.7	52.8		58.0	56.6
Woodbury	49.0	51.8	56.4	61.2	58.1	59.5	56.8	56.6		56.4	56.2
Other (Combined) Counties							55.9				

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 5. Central Iowa district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Boone	42.0	50.2	53.7	60.2	56.7	54.6	53.2	50.9	64.4	60.4	54.6
Dallas	41.7	52.5	55.1	58.7	54.6	52.8	54.4	47.1	63.6	59.8	54.0
Grundy	52.6	53.0	60.5	64.8	63.6	61.9	56.3	60.9	66.5	64.9	60.5
Hamilton	38.0	46.1	54.3	61.0	57.2	49.9	51.4	51.5	62.2	61.3	53.3
Hardin	47.1	46.9	55.6	59.9	59.7	59.3	53.9	52.8	65.0	63.4	56.4
Jasper	43.2	54.6	57.9	60.3	60.5	60.7	56.5		67.3	60.1	57.9
Marshall	46.9	55.1	59.4	62.6	63.5	61.9	60.6		67.1	65.0	60.2
Polk	42.6	49.8	52.4	55.2	57.1	53.4	51.0	50.2	64.6	54.1	53.0
Poweshiek	43.4	50.7	56.3	57.5	56.6	58.2	53.4	54.8		60.4	54.6
Story	40.4	46.9	51.0	58.4	57.9	52.8	50.0	52.2	63.6	60.0	53.3
Tama	46.6	53.4	57.9	63.5	59.5	60.1	53.4	56.2	66.3	61.4	57.8
Webster	39.1	52.4	54.9	58.4	57.9	51.1	49.1	50.4	64.6	57.5	53.5

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 6. East Central Iowa district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Benton	46.6	52.7	56.5	61.1	57.6	61.0	57.9	56.7	67.1	66.1	58.3
Cedar	50.2	55.8	56.9	60.5	59.6	63.3		56.4	65.3	67.0	59.4
Clinton	51.9	57.5	59.2	59.8	59.7	58.3	59.5	57.0	63.9	66.0	59.3
Iowa	43.4	53.4	56.2	57.4	56.7	56.0	52.3	49.8		61.6	54.1
Jackson	50.1	54.9	58.3	61.1	59.2	58.1		54.7		66.3	57.8
Johnson	46.3	50.0	55.4	56.1	56.4	59.9	55.5	51.8		62.1	54.8
Jones	53.5	52.5	55.2	60.4	54.9	60.1	57.2	54.0	64.5	61.7	57.4
Linn	46.2	51.1	56.2	60.0	56.0	57.7	56.5			64.6	56.0
Muscatine	47.1	56.7	56.2	60.8	60.3	61.7	55.2	55.6	62.6	65.5	58.2
Scott	54.2	59.7	61.1	64.4	63.4	63.7	60.5	61.0	68.1	69.1	62.5
Other (Combined) Counties							55.2				

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 7. Southwest Iowa district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Adair	36.8	50.0	55.1	59.3	50.5	50.1	53.3	48.1		47.5	50.1
Adams	44.1	47.6	50.3	56.5	52.6	53.2					50.7
Cass	44.8	53.8	57.2	59.6	56.9	52.6	56.9	49.3	63.3	51.2	54.6
Fremont	47.9	55.5	52.1	55.5	60.1	50.6		54.8	63.1	53.4	54.8
Mills	50.1	54.5		56.3	55.7			49.3		52.1	53.0
Montgomery	45.9	50.0	51.0	57.8	56.2	51.8	58.3	49.2	63.0	54.8	53.8
Page	44.4	54.7	49.8	57.5	55.4	50.5	55.9	52.4	62.6	54.0	53.7
Pottawattamie	52.1	51.2	58.5	60.6	57.0		58.5	48.0	64.4	51.0	55.7
Taylor	37.2	50.7		51.6	52.8		49.9	47.0	61.3	52.9	50.4
Other (Combined) Counties			48.1			52.1	55.8				

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 8. South Central Iowa district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Appanoose	29.5	46.7	48.2	55.9	50.7	45.1		39.1	57.5	40.4	45.9
Clarke	36.5	43.5	41.3	49.9		47.9		45.9	57.7	40.2	45.4
Decatur	31.6	40.2	46.4	57.2		48.0		47.4	57.0	37.9	45.7
Lucas	33.4	45.8	49.1	54.4	41.4	41.5		43.8	54.1	43.1	45.2
Madison	39.1	46.5	53.9	57.1	52.5	50.9	52.3	51.4	58.8	55.4	51.8
Marion	45.0	47.0	56.0	56.6	52.9	58.3	54.0		60.6	57.8	54.2
Monroe	29.0	48.9	50.9	57.3	51.0	50.4	56.1	45.4	59.3	47.4	49.6
Ringgold	33.8	46.1	43.2	51.7	48.8	47.2		50.6	54.0	41.8	46.4
Union	37.6	49.5	46.7	56.0	44.5	48.6	53.7	52.1	61.9	41.4	49.2
Warren	42.5	46.6	53.6	54.3	49.9	52.0	52.3	49.5		50.2	50.1
Wayne	33.2	45.8	45.0	54.2		49.0	52.5	44.6	57.1		47.7
Other (Combined) Counties					45.0		50.1				

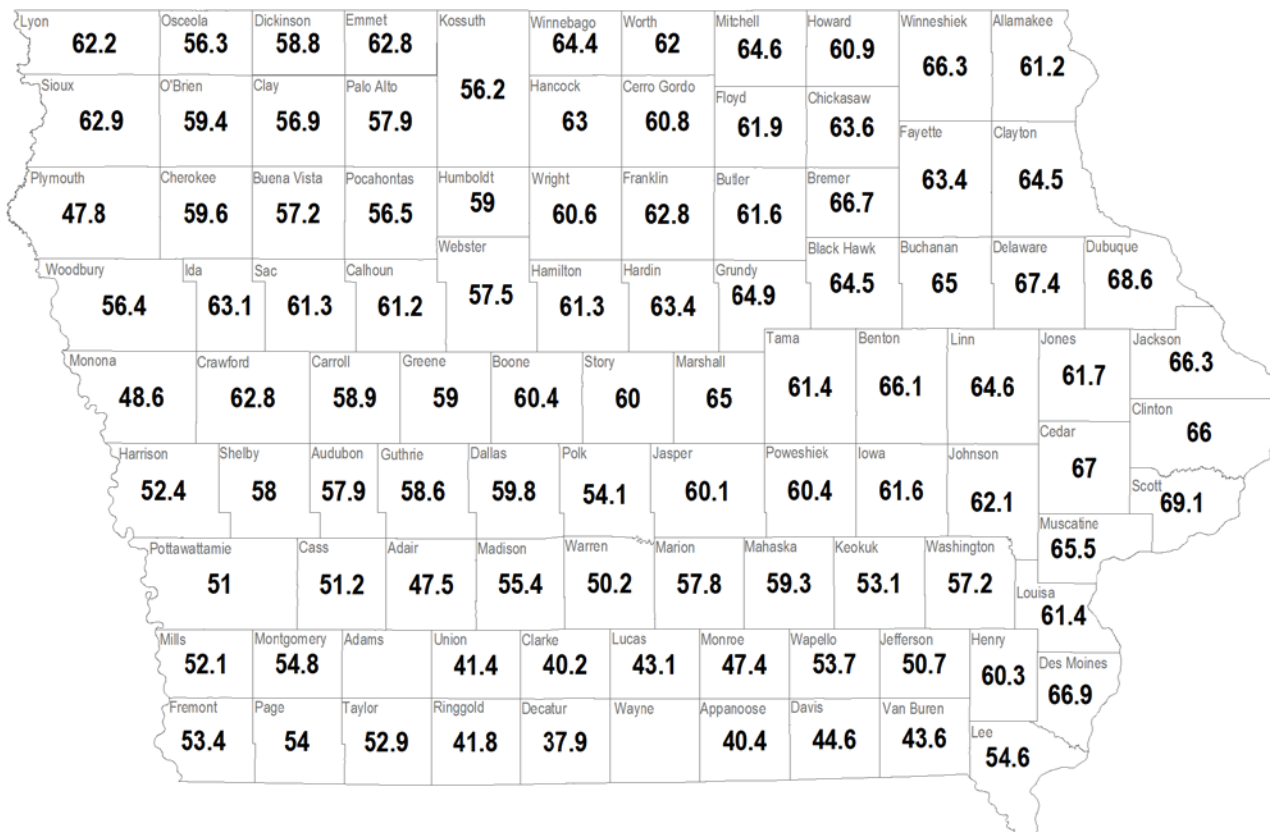
Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 9. Southeast Iowa district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Davis	36.8	45.7	48.9	57.4	37.6	50.2	54.6	42.0	56.7	44.6	47.5
Des Moines	46.6	54.2	54.5	60.4	59.6	63.8	55.1	60.7		66.9	58.0
Henry	45.3	56.1	55.8	57.2	60.5	62.3	56.9	54.9	58.3	60.3	56.8
Jefferson	41.1	47.3	50.1	55.1	46.1	62.0	53.3	53.8	53.9	50.7	51.3
Keokuk	41.1	52.6	53.4	57.1	51.6	57.7	55.8	51.6		53.1	52.7
Lee	39.4	54.5	47.0	61.4	53.5	64.7	54.8	52.1	59.7	54.6	54.2
Louisa	41.9	53.8	57.5	56.4	59.0	58.1	54.3	53.3		61.4	55.1
Mahaska	44.8	48.9	55.6	59.1	54.4	59.7	53.7		62.0	59.3	55.3
Van Buren	40.7	49.4	46.1	56.6	36.6	54.2	53.9	44.2	53.0	43.6	47.8
Wapello	41.4	48.7	48.5	58.1	45.0	60.2	55.5	52.0	59.0	53.7	52.2
Washington	45.1	54.0	58.9	55.8	61.7	61.5	54.7	53.2		57.2	55.8

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Figure 1. Iowa county average soybean yields, 2022



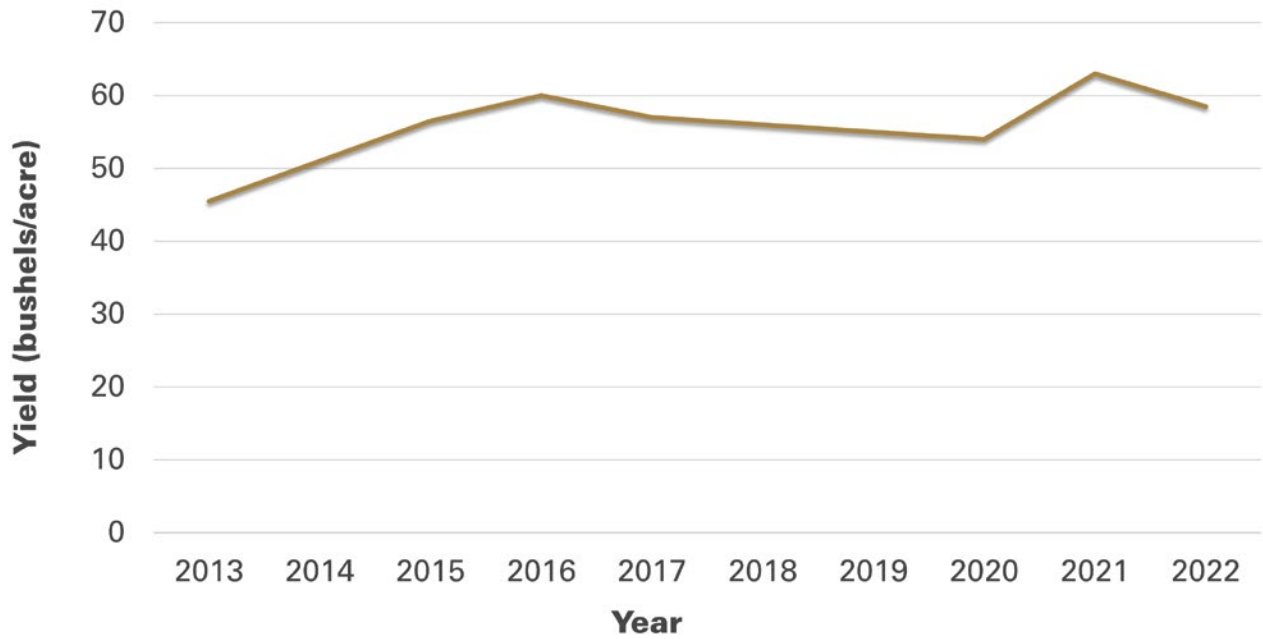
Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), [www.nass.usda.gov/Statistics_by_State/Iowa/index.php](https://nass.usda.gov/Statistics_by_State/Iowa/index.php)

Table 10. Iowa crop reporting district average soybean yields, 2013-2022 (bushels/acre)

Soybean Yields	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Avg.
Northwest	50.0	51.8	60.5	62.7	60.1	56.9	54.8				
North Central	43.8	47.1	59.0	60.6	57.2	53.5	53.8				
Northeast	49.2	49.5	57.1	60.1	56.1	56.7	54.7				
West Central	45.3	52.6	56.3	61.2	58.2	57.1	57.3				
Central	43.7	51.2	56.0	60.3	58.9	56.6	53.7				
East Central	48.6	54.2	57.0	60.0	58.2	60.0	56.6				
Southwest	45.5	52.2	53.2	57.6	55.6	51.6	55.9				
South Central	36.6	46.1	49.6	55.0	48.4	49.6	52.0				
Southeast	42.5	51.6	53.2	57.7	52.7	59.8	54.8				
Other Counties								56.6	63.2	47.9	
State Total	45.5	51.0	56.5	60.0	57.0	56.0	55.0	54.0	63.0	58.5	55.7

Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.
 Starting in 2020, yields are not released by USDA NASS at the crop reporting district level.

Figure 2. Iowa average soybean yields, 2013-2022



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