

Historical Soybean Yields by County in Iowa

The average soybean yields for counties in Iowa are included in this file. Averages from 2014 through 2023 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 23, 2024 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, 2014-2023 (bushels/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Buena Vista	49.1	59.6	60.2	56.5	55.5	53.5		63.8	57.2	61.1	57.4
Cherokee	55.8	62.7	69.6	62.4	64.3	58.8	57.2		59.6	65.9	61.8
Clay	47.8	60.7	61.9	57.6	52.6	50.9	50.3	62.4	56.9	62.1	56.3
Dickinson	44.0	56.4	56.1	57.7	49.8	51.3	55.5	56.0	58.8	56.8	54.2
Emmet	42.3	58.1	58.5	58.9	46.7		56.0	59.6	62.8		55.4
Lyon	53.7	61.1	66.1	63.8	60.6	54.8	60.8	63.6	62.2		60.7
O'Brien	55.7	62.6	63.9	62.3	59.9	56.0	62.0	66.4	59.4	65.4	61.4
Osceola	52.2	59.8	56.1	59.7	57.2	50.5		62.9	56.3	61.9	57.4
Palo Alto	45.7	59.5	59.7	57.8	48.8	55.6		61.6	57.9	59.2	56.2
Plymouth	56.7	60.1	66.1	59.6	61.3				47.8	60.1	58.8
Pocahontas	47.8	58.0	60.6	58.2	49.7		54.6	65.0	56.5	62.0	56.9
Sioux	60.4	64.1	65.8	65.2	65.8	60.8		70.5	62.9		64.4
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, 2014-2023 (bushels/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Butler	46.3	57.7	59.9	55.9	56.1	55.0	54.2	60.8	61.6	50.9	55.8
Cerro Gordo	50.2	58.9	58.6	55.2	51.7	52.7	59.8	61.0	60.8		56.5
Floyd	47.6	58.0	57.5	54.1	49.8	54.3	54.0		61.9	52.8	54.4
Franklin	47.4	57.8	60.5	57.0	58.5	54.1	55.4	59.7	62.8	59.4	57.3
Hancock	47.6	59.6	62.4	57.4	53.2	49.6	60.0	63.5	63.0	60.2	57.7
Humboldt	46.4	56.6	61.0	58.0	50.4	54.9	56.9	62.4	59.0	56.9	56.3
Kossuth	46.5	61.0	63.4	60.4	54.2	57.4	60.2	60.4	56.2		57.7
Mitchell	49.2	59.7	61.0	54.4	55.6	49.8	59.4	62.5	64.6	46.9	56.3
Winnebago	47.6	59.4	62.5	59.9	51.8	54.2	60.8	61.6	64.4	60.7	58.3
Worth	49.8	59.4	58.2	54.8	53.7	51.0	58.2	60.1	62.0	51.0	55.8
Wright	42.7	59.0	58.8	57.9	52.6	54.1	55.9	61.0	60.6	60.8	56.3

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, 2014-2023 (bushels/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Allamakee	50.6	54.1	56.8	52.6	52.8		58.8	61.9	61.2	52.2	55.7
Black Hawk	49.2	56.0	61.8	59.5	58.4	51.9	54.2	60.1	64.5	51.1	56.7
Bremer	48.2	59.4	62.1	56.8	57.3	52.5		62.0	66.7	54.5	57.7
Buchanan	49.5	57.7	60.2	55.9	57.2	55.2	56.7	63.4	65.0	51.8	57.3
Chickasaw	46.6	55.6	56.0	50.4	53.2	54.5	55.9		63.6	52.0	54.2
Clayton	51.5	56.8	63.2	59.0	58.8	56.4	60.1		64.5	53.6	58.2
Delaware	49.7	56.8	63.8	63.0	63.9		61.1	66.4	67.4	52.3	60.5
Dubuque	55.1	59.1	57.8	59.6	62.0	60.2		70.5	68.6	57.0	61.1
Fayette	49.5	56.3	62.3	56.3	56.5	55.5	55.9	64.4	63.4	54.5	57.5
Howard	48.7	59.9	56.4	51.6	53.7	52.1	54.5	60.3	60.9	51.0	54.9
Winnebago	50.1	55.6	58.4	54.6	51.7	55.6	53.6	61.8	66.3	52.6	56.0
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, 2014-2023 (bushel/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Audubon	55.2	57.8	62.0	57.2	52.3	58.9	48.3	67.3	57.9	53.6	57.1
Calhoun	51.0	55.2	62.3	57.5	53.1	55.1	47.7	63.5	61.2	57.4	56.4
Carroll	55.9	58.0	58.7	60.4	59.0	58.8	54.8	65.3	58.9	56.8	58.7
Crawford	55.6	58.5	64.3	61.3	61.7	61.9	54.2	63.5	62.8	53.6	59.7
Greene	52.2	53.6	63.5	56.7	55.5	54.2	49.0	64.1	59.0	60.7	56.9
Guthrie	47.8	54.4	58.4	59.2	52.0	54.2	45.5		58.6		53.8
Harrison	49.2	52.1	58.2	53.7	52.6		52.1		52.4	55.4	53.2
Ida	55.7	60.2	67.6	62.1	63.8		55.5	65.6	63.1	56.8	61.2
Monona	47.2	52.4	56.1	57.1	55.3	55.8	56.0	61.8	48.6	50.9	54.1
Sac	55.2	60.7	63.3	57.8	60.7	59.3	47.1		61.3	58.1	58.2
Shelby	55.3	57.2	60.5	58.2	57.8	58.7	52.8		58.0	53.3	56.9
Woodbury	51.8	56.4	61.2	58.1	59.5	56.8	56.6		56.4	44.8	55.7
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, 2014-2023 (bushels/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Boone	50.2	53.7	60.2	56.7	54.6	53.2	50.9	64.4	60.4	69.1	57.3
Dallas	52.5	55.1	58.7	54.6	52.8	54.4	47.1	63.6	59.8	60.8	55.9
Grundy	53.0	60.5	64.8	63.6	61.9	56.3	60.9	66.5	64.9	64.1	61.7
Hamilton	46.1	54.3	61.0	57.2	49.9	51.4	51.5	62.2	61.3	62.2	55.7
Hardin	46.9	55.6	59.9	59.7	59.3	53.9	52.8	65.0	63.4	62.2	57.9
Jasper	54.6	57.9	60.3	60.5	60.7	56.5		67.3	60.1	63.8	60.2
Marshall	55.1	59.4	62.6	63.5	61.9	60.6		67.1	65.0	61.7	61.9
Polk	49.8	52.4	55.2	57.1	53.4	51.0	50.2	64.6	54.1	61.2	54.9
Poweshiek	50.7	56.3	57.5	56.6	58.2	53.4	54.8		60.4	59.5	56.4
Story	46.9	51.0	58.4	57.9	52.8	50.0	52.2	63.6	60.0	64.1	55.7
Tama	53.4	57.9	63.5	59.5	60.1	53.4	56.2	66.3	61.4	56.1	58.8
Webster	52.4	54.9	58.4	57.9	51.1	49.1	50.4	64.6	57.5	60.0	55.6

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 6. East Central Iowa district average soybean yields, 2014-2023 (bushels/acre)**

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Benton	52.7	56.5	61.1	57.6	61.0	57.9	56.7	67.1	66.1	54.0	59.1
Cedar	55.8	56.9	60.5	59.6	63.3		56.4	65.3	67.0	62.2	60.8
Clinton	57.5	59.2	59.8	59.7	58.3	59.5	57.0	63.9	66.0	58.8	60.0
Iowa	53.4	56.2	57.4	56.7	56.0	52.3	49.8		61.6	58.2	55.7
Jackson	54.9	58.3	61.1	59.2	58.1		54.7		66.3		58.9
Johnson	50.0	55.4	56.1	56.4	59.9	55.5	51.8		62.1	56.5	56.0
Jones	52.5	55.2	60.4	54.9	60.1	57.2	54.0	64.5	61.7	54.5	57.5
Linn	51.1	56.2	60.0	56.0	57.7	56.5			64.6	48.1	56.3
Muscatine	56.7	56.2	60.8	60.3	61.7	55.2	55.6	62.6	65.5	62.4	59.7
Scott	59.7	61.1	64.4	63.4	63.7	60.5	61.0	68.1	69.1	66.3	63.7
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, 2014-2023 (bushels/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Adair	50.0	55.1	59.3	50.5	50.1	53.3	48.1		47.5		51.7
Adams	47.6	50.3	56.5	52.6	53.2						52.0
Cass	53.8	57.2	59.6	56.9	52.6	56.9	49.3	63.3	51.2		55.6
Fremont	55.5	52.1	55.5	60.1	50.6		54.8	63.1	53.4		55.6
Mills	54.5		56.3	55.7			49.3		52.1	53.3	53.5
Montgomery	50.0	51.0	57.8	56.2	51.8	58.3	49.2	63.0	54.8	54.6	54.7
Page	54.7	49.8	57.5	55.4	50.5	55.9	52.4	62.6	54.0	57.2	55.0
Pottawattamie	51.2	58.5	60.6	57.0		58.5	48.0	64.4	51.0		56.2
Taylor	50.7		51.6	52.8		49.9	47.0	61.3	52.9	54.7	52.6
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, 2014-2023 (bushels/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Appanoose	46.7	48.2	55.9	50.7	45.1		39.1	57.5	40.4	50.7	48.3
Clarke	43.5	41.3	49.9		47.9		45.9	57.7	40.2		46.6
Decatur	40.2	46.4	57.2		48.0		47.4	57.0	37.9		47.7
Lucas	45.8	49.1	54.4	41.4	41.5		43.8	54.1	43.1	51.7	47.2
Madison	46.5	53.9	57.1	52.5	50.9	52.3	51.4	58.8	55.4	61.3	54.0
Marion	47.0	56.0	56.6	52.9	58.3	54.0		60.6	57.8	56.0	55.5
Monroe	48.9	50.9	57.3	51.0	50.4	56.1	45.4	59.3	47.4	50.9	51.8
Ringgold	46.1	43.2	51.7	48.8	47.2		50.6	54.0	41.8		47.9
Union	49.5	46.7	56.0	44.5	48.6	53.7	52.1	61.9	41.4	59.9	51.4
Warren	46.6	53.6	54.3	49.9	52.0	52.3	49.5		50.2	57.9	51.8
Wayne	45.8	45.0	54.2		49.0	52.5	44.6	57.1			49.7
Other (Combined) Counties				45.0		50.1					

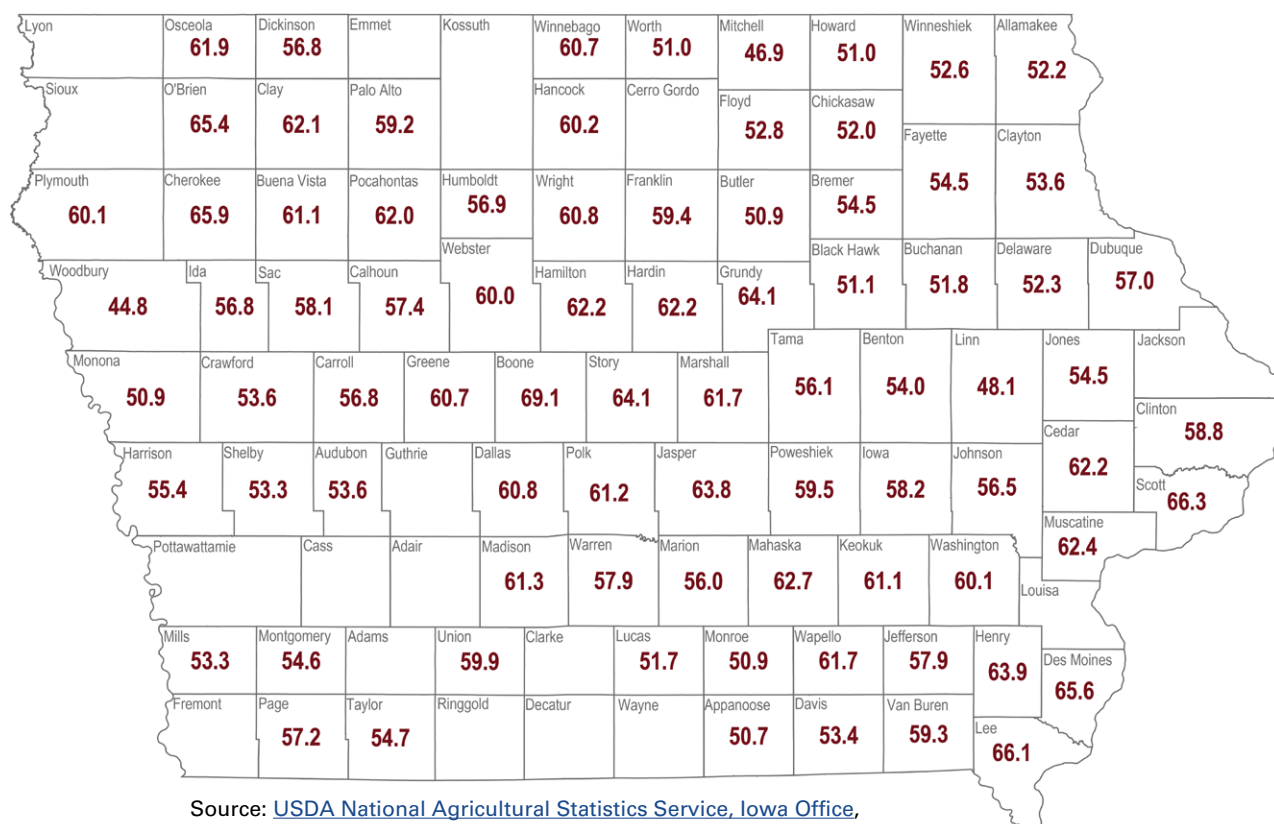
Source: [USDA National Agricultural Statistics Service, Iowa Office](https://nass.usda.gov/Statistics_by_State/Iowa/index.php), nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 9. Southeast Iowa district average soybean yields, 2014-2023 (bushels/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Davis	45.7	48.9	57.4	37.6	50.2	54.6	42.0	56.7	44.6	53.4	49.1
Des Moines	54.2	54.5	60.4	59.6	63.8	55.1	60.7		66.9	65.6	60.1
Henry	56.1	55.8	57.2	60.5	62.3	56.9	54.9	58.3	60.3	63.9	58.6
Jefferson	47.3	50.1	55.1	46.1	62.0	53.3	53.8	53.9	50.7	57.9	53.0
Keokuk	52.6	53.4	57.1	51.6	57.7	55.8	51.6		53.1	61.1	54.9
Lee	54.5	47.0	61.4	53.5	64.7	54.8	52.1	59.7	54.6	66.1	56.8
Louisa	53.8	57.5	56.4	59.0	58.1	54.3	53.3		61.4		56.7
Mahaska	48.9	55.6	59.1	54.4	59.7	53.7		62.0	59.3	62.7	57.3
Van Buren	49.4	46.1	56.6	36.6	54.2	53.9	44.2	53.0	43.6	59.3	49.7
Wapello	48.7	48.5	58.1	45.0	60.2	55.5	52.0	59.0	53.7	61.7	54.2
Washington	54.0	58.9	55.8	61.7	61.5	54.7	53.2		57.2	60.1	57.5

Source: [USDA National Agricultural Statistics Service, Iowa Office](http://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, 2023



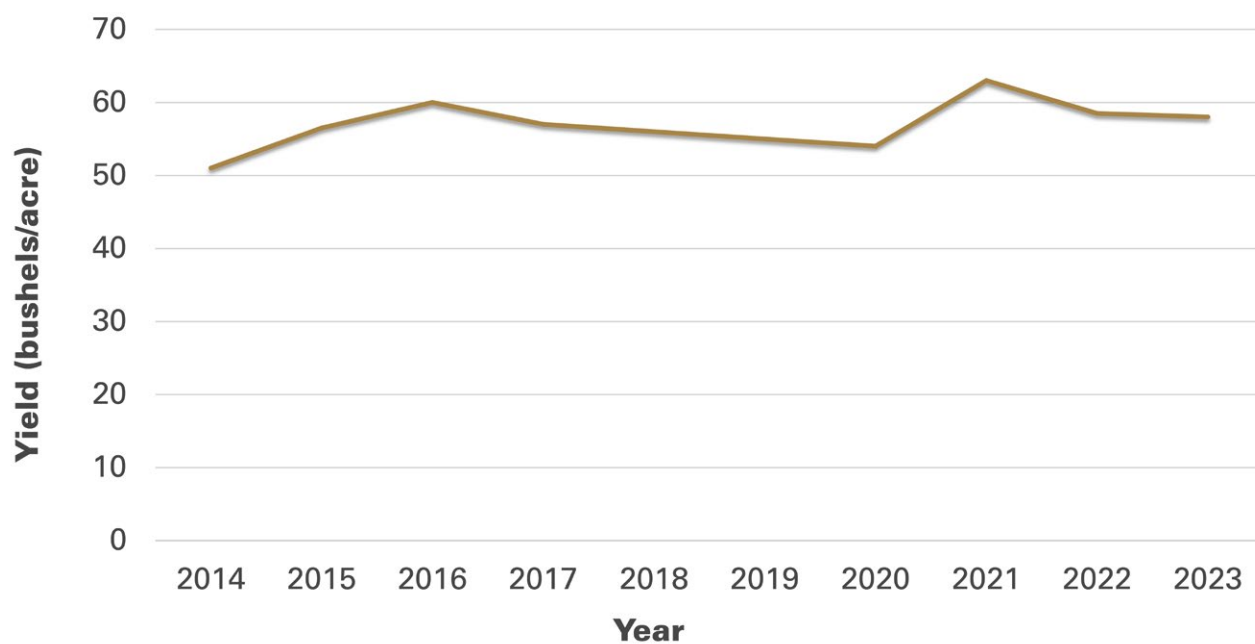
Source: [USDA National Agricultural Statistics Service, Iowa Office, www.nass.usda.gov/Statistics by State/Iowa/index.php](http://www.nass.usda.gov/Statistics_by_State/Iowa/index.php)

Table 10. Iowa crop reporting district average soybean yields, 2014-2023 (bushels/acre)

Soybean Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Northwest	51.8	60.5	62.7	60.1	56.9	54.8					
North Central	47.1	59.0	60.6	57.2	53.5	53.8					
Northeast	49.5	57.1	60.1	56.1	56.7	54.7					
West Central	52.6	56.3	61.2	58.2	57.1	57.3					
Central	51.2	56.0	60.3	58.9	56.6	53.7					
East Central	54.2	57.0	60.0	58.2	60.0	56.6					
Southwest	52.2	53.2	57.6	55.6	51.6	55.9					
South Central	46.1	49.6	55.0	48.4	49.6	52.0					
Southeast	51.6	53.2	57.7	52.7	59.8	54.8					
Other Counties							56.6	63.2	47.9	58.4	
State Total	51.0	56.5	60.0	57.0	56.0	55.0	54.0	63.0	58.5	58.0	56.9

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.

Starting in 2020, yields are not released by USDA NASS at the crop reporting district level.

Figure 2. Iowa average soybean yields, 2014-2023

This institution is an equal opportunity provider. For the full non-discrimination statement or accommodation inquiries, go to www.extension.iastate.edu/diversity/ext.

Prepared by Ann Johanns,
extension program specialist
515-337-2766 | aholste@iastate.edu
extension.iastate.edu/agdm