

Historical Corn Yields by County in Iowa

Ag Decision Maker
extension.iastate.edu/agdm

File A1-12

The average corn 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 10 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](#), 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 corn yields, 2014-2023 (bushels/acre)

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Buena Vista	172.1	202.7	201.1	187.9	193.1	190.8	183.9	203.9	196.9	212.0	194.4
Cherokee	183.6	209.6	219.7	203.7	213.3	208.9	185.7		198.7	211.7	203.9
Clay	166.3	202.8	202.0	197.3	158.5	185.5	168.1	203.3	191.4	203.9	187.9
Dickinson	157.9	194.5	188.0	196.2	160.4	170.0	182.2	177.7	203.4	201.3	183.2
Emmet	165.0	203.3	198.5	210.1	155.8		186.1	182.5	213.6		189.4
Lyon	172.9	196.0	206.9	218.9	193.0	186.6	197.0	216.7	190.8	200.2	197.9
O'Brien	180.3	205.2	210.7	213.8	201.6	204.9	199.5	213.5	201.1	212.7	204.3
Osceola	175.4	204.7	203.7	211.6	180.2	182.5	185.3	208.0	197.5	203.7	195.3
Palo Alto	164.6	197.5	196.0	195.4	157.9	198.3	181.1	190.1	195.8	211.7	188.8
Plymouth	187.3	203.6	209.2	193.0	213.8	217.8		190.9	171.8	205.7	199.2
Pocahontas	174.8	205.5	206.8	190.9	179.2		186.2	213.9	198.2	218.1	197.1
Sioux	187.4	201.9	212.2	220.7	211.9	192.2	201.8	220.6	196.6	211.4	205.7
Other (Combined) Counties						191.2					

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

Table 2. North Central Iowa district average corn yields, 2014-2023 (bushels/acre)

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Butler	167.7	193.3	207.3	211.4	211.3	209.5	192.8	204.5	212.4	183.1	199.3
Cerro Gordo	168.3	196.9	193.6	208.9	184.4	191.8	182.5	200.0	216.9		193.7
Floyd	162.8	196.5	196.3	203.4	184.4	202.9	187.4	204.4	204.6	191.8	193.5
Franklin	165.8	200.2	204.8	206.1	204.3	202.7	180.1	198.9	220.1	210.5	199.4
Hancock	173.9	201.2	200.3	200.2	176.7	193.3	200.0	209.8	211.5	204.9	197.2
Humboldt	176.9	194.8	206.1	200.9	162.3	198.7	188.4	205.4	195.5	205.8	193.5
Kossuth	176.6	199.0	204.7	205.6	180.2	198.7	190.7	190.7	196.8		193.7
Mitchell	175.1	202.1	199.1	213.4	193.3	194.5	203.3	203.3	217.9	171.8	197.4
Winnebago	172.7	203.6	197.9	210.7	180.8	198.8	207.1	197.6	217.5	211.3	199.8
Worth	181.5	202.1	191.5	198.5	180.0	196.5	205.7	207.4	219.4	187.6	197.0
Wright	169.4	198.4	200.2	206.9	180.5	197.0	186.0	192.2	209.7	202.5	194.3

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

Table 3. Northeast Iowa district average corn yields, 2014-2023 (bushels/acre)

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Allamakee	175.6	175.4	205.1	190.5	198.4	187.2	196.3	198.5	215.9	183.9	192.7
Black Hawk	165.2	192.9	206.4	209.2	206.2	205.1	169.8	193.6	202.4		194.5
Bremer	159.0	203.1	210.6	212.7	212.4	212.5	187.6	200.1	210.8	199.9	200.9
Buchanan	169.3	191.6	205.6	221.3	207.1	218.9	188.3	209.0	209.7	190.7	201.2
Chickasaw	157.6	202.8	206.6	194.4	192.9	212.1	185.7	208.2	214.6	198.9	197.4
Clayton	176.7	193.2	210.3	213.6	201.5	197.5	191.1	195.3	215.4	201.1	199.6
Delaware	174.9	195.8	202.3	218.0	224.8	204.6	190.4	218.0	230.8	198.9	205.9
Dubuque	184.9	197.0	211.5	215.1	211.8	216.4	197.1	217.2	223.7	199.5	207.4
Fayette	170.9	191.8	202.5	207.6	200.1	200.5	180.1	205.6	209.8	205.9	197.5
Howard	164.4	202.1	202.2	201.7	185.5	194.2	188.6	207.3	217.2	183.9	194.7
Winneshiek	174.0	185.6	210.7	199.7	198.1	200.4	178.2	199.3	212.4	195.3	195.4

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 corn yields, 2014-2023 (bushel/acre)

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Audubon	185.5	189.8	206.1	211.2	180.0	216.0	170.8	216.0	197.9	197.6	197.1
Calhoun	189.6	194.7	207.3	195.1	193.3	198.8	159.6	217.8	202.3	201.6	196.0
Carroll	188.6	195.4	203.1	211.3	208.4	219.7	150.6	218.3	195.7	196.7	198.8
Crawford	183.0	199.1	213.5	221.9	214.0	234.7	181.2	218.5	216.4	187.9	207.0
Greene	181.2	189.0	205.5	202.2	201.3	201.4	153.8	220.5	197.3	208.0	196.0
Guthrie	176.1	179.2	198.2	197.6	192.2	196.7	151.3	220.0	193.6		189.4
Harrison	161.1	189.5	204.6	193.2	176.0		180.2		172.4	190.3	183.4
Ida	189.9	203.1	216.0	215.7	222.2		188.2	226.8	221.2	198.0	209.0
Monona	156.6	169.0	184.5	196.0	181.4	203.9	178.4	197.7	168.6	165.4	180.2
Sac	179.8	204.8	214.3	194.5	213.5	220.6	161.0	231.0	212.4	199.1	203.1
Shelby	185.2	195.3	215.3	207.1	189.1	217.3	190.5		209.0	196.0	200.5
Woodbury	177.5	202.3	203.7	200.5	219.3	218.2	191.0	206.7	200.2	168.3	198.8
Other (Combined) Counties						210.0					

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 5. Central Iowa district average corn yields, 2014-2023 (bushels/acre)

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Boone	180.9	192.3	208.4	192.4	193.7	194.8	160.7	208.4	202.4	226.5	196.1
Dallas	195.5	182.4	204.0	187.2	174.0	195.0	139.7	209.9	187.2	210.9	188.6
Grundy	182.4	199.9	198.5	217.3	225.2	209.8	182.7	209.4	207.5	212.9	204.6
Hamilton	173.1	198.1	209.0	194.6	188.9	198.2	166.2		208.6	215.5	194.7
Hardin	166.3	199.3	208.0	213.7	216.6	200.2	155.7	193.2	215.6	213.3	198.2
Jasper	191.5	198.9	214.7	204.6	218.6	209.3		221.7	203.6	218.0	209.0
Marshall	190.5	194.9	211.3	222.4	226.0	221.9		211.5	214.1	216.3	212.1
Polk	181.4	187.0	199.8	200.3	186.2	196.7	150.2	217.5	188.6	206.4	191.4
Poweshiek	188.4	197.8	213.2	215.1	218.7	200.3	138.2	201.0	193.3	204.9	197.1
Story	169.9	188.0	211.9	200.3	192.3	189.3	148.4	201.2	207.1	211.4	192.0
Tama	182.7	189.5	208.4	220.6	224.3	204.8	132.7	213.9	203.3	197.4	197.8
Webster	190.0	201.0	200.8	197.9	188.1	202.9	173.1	216.2	201.5	212.8	198.4

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

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Benton	185.4	187.5	199.9	215.3	214.6	197.6	144.8	211.7	221.7	199.7	197.8
Cedar	184.1	188.8	215.3	222.3	222.3	193.7	153.3	207.1	221.4	205.7	201.4
Clinton	197.0	188.2	213.8	213.3	210.9	196.1	178.4	206.5	225.2	198.0	202.7
Iowa	192.1	199.3	210.6	216.7	211.7	190.6	151.1		205.9	213.5	199.1
Jackson	188.9	190.6	202.1	202.1	202.4	185.5	185.6	191.2	219.2	189.6	195.7
Johnson	184.6	187.1	189.0	213.1	212.3	181.3	161.8		205.2	203.1	193.1
Jones	180.1	186.6	201.3	217.0	208.9	203.0	171.6		218.2	190.7	197.5
Linn	176.1	189.2	200.3	217.4	215.4	223.7	164.9		215.0	179.5	197.9
Muscatine	188.1	177.7	203.0	206.8	209.6	173.2	172.8	204.5	213.1	211.9	196.1
Scott	194.5	195.9	216.0	220.0	214.0	189.3	181.3	206.8	216.2	210.1	204.4

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 7. Southwest Iowa district average corn yields, 2014-2023 (bushels/acre)

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Adair	169.3	176.5	190.3	175.2	149.5	176.6	168.7		164.2		171.3
Adams	169.9	169.6	187.4	179.9	171.6		173.3				175.3
Cass	173.7	193.7	195.9	197.4	169.5	200.3	177.5	212.4	179.2		188.8
Fremont	191.5	179.9	180.8	204.5	195.1		194.8	206.7	191.6	211.0	195.1
Mills	184.9		188.4	190.1		202.9	182.2	209.8	191.1	204.3	194.2
Montgomery	163.1	185.2	185.5	199.1	191.5	204.8	184.6	204.9	187.8	206.2	191.3
Page	182.4	165.8	185.8	193.1	188.1	191.4	181.6	206.9	174.5	206.6	187.6
Pottawattamie	169.1	204.0	210.4	195.8		208.0	176.3	216.3	195.0	198.5	197.0
Taylor	178.8		159.9	175.0	154.4	161.7	166.2	192.0	172.1	192.9	172.6
Other (Combined) Counties		172.4			196.7	189.6					

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 8. South Central Iowa district average corn yields, 2014-2023 (bushels/acre)

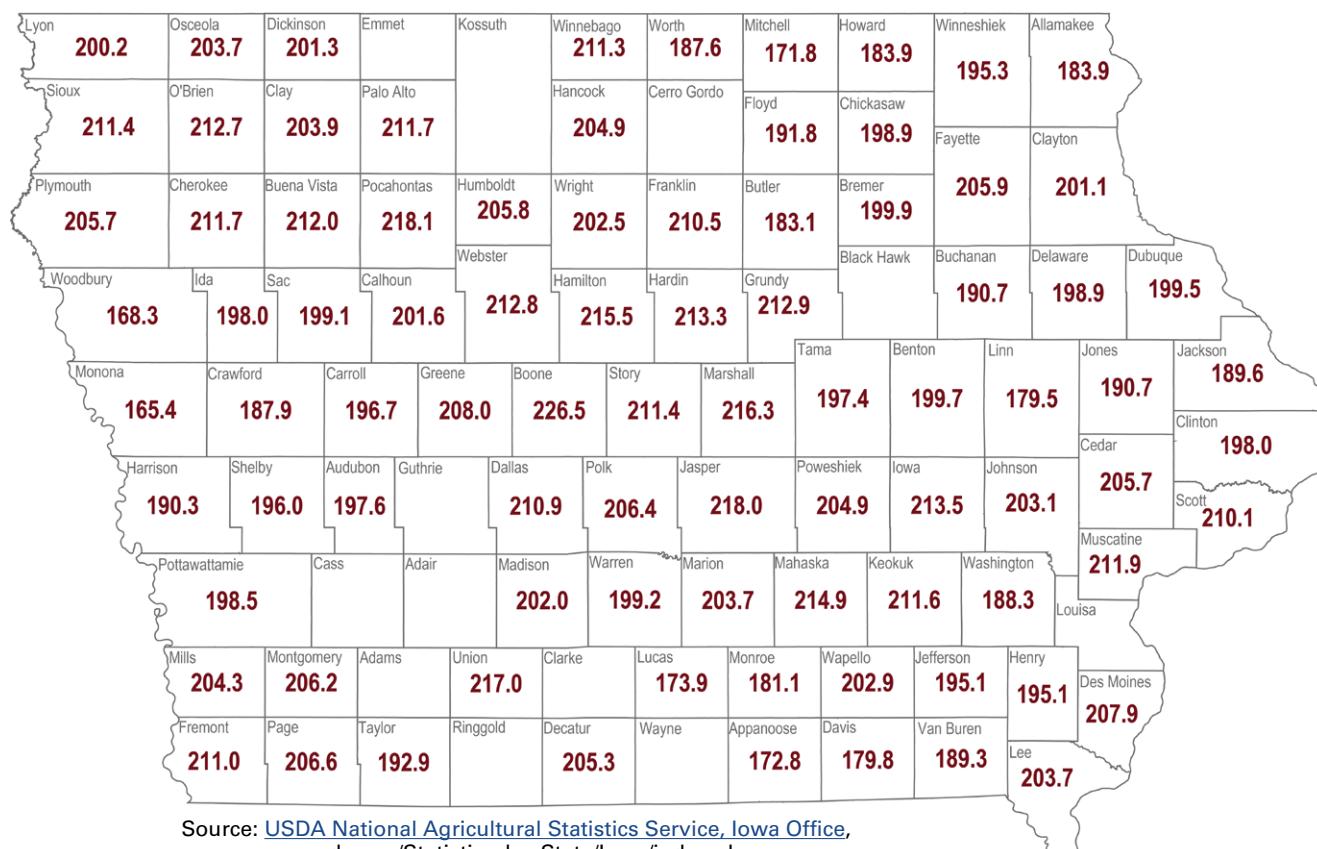
Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Appanoose	170.9	154.3	186.3	170.0		166.8	143.6	171.6	146.1	172.8	164.7
Clarke	162.2	152.4	163.9		161.8		155.2				159.1
Decatur	164.0	162.7	181.1		172.5		159.3		148.7	205.3	170.5
Lucas	153.7	154.8	174.6				149.2	166.1	139.5	173.9	158.8
Madison	171.4	169.6	185.5	173.1	167.8	175.7	172.0	195.6	166.9	202.0	178.0
Marion	171.6	178.1	198.0	185.7	190.2	170.7		199.1	175.2	203.7	185.8
Monroe	175.7		180.0	169.9	167.0	162.3	153.8	166.1	145.4	181.1	166.8
Ringgold	166.4	147.8	179.5	167.8	153.3		159.1	175.8	151.8		162.7
Union	176.1		183.0	147.9	155.8	168.9	179.7	185.2	149.4	217.0	173.7
Warren	169.9	170.3	184.6	183.2	163.6		168.0		157.8	199.2	174.6
Wayne	171.9	158.0	174.5		171.6	151.5	168.8	177.0	170.1		167.9
Other (Combined) Counties		164.0		129.7	142.6	152.3					

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

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Davis	184.2	142.4	188.7	107.3		160.0	170.0	152.5	154.9	179.8	160.0
Des Moines	199.0	176.0	210.0	200.1	195.4	176.9	190.2		194.8	207.9	194.5
Henry	196.6	178.4	199.0	196.4	189.7	164.5	172.0	167.7	167.7	195.1	182.7
Jefferson	200.9	168.2	197.0	165.5	198.8	162.7	167.3	163.3	178.0	195.1	179.7
Keokuk	193.2	181.0	208.6	176.4	203.7	175.5	163.5	176.5	170.4	211.6	186.0
Lee	200.6	145.1	194.6	178.0	201.3	172.5	174.3	160.4	178.2	203.7	180.9
Louisa	188.2	181.7	200.2	216.6	196.5	174.6	181.6	189.5	196.3		191.7
Mahaska	189.9	190.3	204.7	177.2	207.7	189.9	180.8	200.5	186.3	214.9	194.2
Van Buren	192.2	158.3	189.0	128.2	180.9	171.0	153.5	162.5	151.9	189.3	167.7
Wapello	195.2	159.3	196.9	153.0		176.5	170.6	178.0	170.8	202.9	178.1
Washington	191.3	195.0	208.2	220.4	214.3	178.9	185.4		185.7	188.3	196.4
Other (Combined) Counties					176.9						

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 corn yields, 2023

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

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

Corn Yields	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg.
Northwest	175.3	202.5	205.5	203.4	188.4	195.3					
North Central	171.9	198.9	200.9	206.1	185.7	198.6					
Northeast	170.2	194.0	206.5	208.9	204.3	205.4					
West Central	179.2	193.1	206.2	203.9	199.9	213.1					
Central	182.4	194.8	207.5	205.6	205.2	202.1					
East Central	186.9	189.1	205.5	214.9	212.6	195.5					
Southwest	175.4	183.9	191.1	191.7	182.1	194.2					
South Central	169.5	163.2	182.8	159.9	165.3	161.0					
Southeast	193.6	175.0	201.4	182.2	198.4	174.9					
Other Counties							175.4	203.8	150.2	198.9	
State Total	178.0	192.0	203.0	202.0	196.0	198.0	177.0	204.0	200.0	201.0	195.1

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.

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

Figure 2. Iowa average corn yields, 2014-2023