

Historical Soybean Yields by County in Iowa

The average soybean yields for counties and crop reporting districts in Iowa are included in this file. Averages from 2010 through 2019 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 district. The information presented in this file was released February 20, 2020 from the [USDA National Agricultural Statistics Service](http://www.nass.usda.gov/Statistics_by_State/Iowa/index.php), Iowa Office, www.nass.usda.gov/Statistics_by_State/Iowa/index.php.

Table 1. Northwest Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Buena Vista	50.4	49.3	42.8	44.9	49.1	59.6	60.2	56.5	55.5	53.5	52.2
Cherokee	55.7	52.8	51.3	53.7	55.8	62.7	69.6	62.4	64.3	58.8	58.7
Clay	52.7	51.9	50.1	44.4	47.8	60.7	61.9	57.6	52.6	50.9	53.1
Dickinson	50.2	48.1	48.2	44.7	44.0	56.4	56.1	57.7	49.8	51.3	50.7
Emmet	51.0	49.7	46.5	40.9	42.3	58.1	58.5	58.9	46.7		50.3
Lyon	54.7	53.5	51.8	57.9	53.7	61.1	66.1	63.8	60.6	54.8	57.8
O'Brien	52.9	55.4	50.5	57.3	55.7	62.6	63.9	62.3	59.9	56.0	57.7
Osceola	52.7	51.6	50.4	49.0	52.2	59.8	56.1	59.7	57.2	50.5	53.9
Palo Alto	48.6	50.4	49.1	40.1	45.7	59.5	59.7	57.8	48.8	55.6	51.5
Plymouth	55.7	50.7	36.8	54.2	56.7	60.1	66.1	59.6	61.3		55.7
Pocahontas	46.9	50.3	45.9	41.1	47.8	58.0	60.6	58.2	49.7		50.9
Sioux	57.0	55.7	48.2	61.2	60.4	64.1	65.8	65.2	65.8	60.8	60.4
Other (Combined) Counties										54.0	
Northwest	52.7	51.8	47.1	50.0	51.8	60.5	62.7	60.1	56.9	54.8	54.8

Source: [USDA National Agricultural Statistics Service, Iowa Office](http://www.nass.usda.gov/Statistics_by_State/Iowa/index.php), www.nass.usda.gov/Statistics_by_State/Iowa/index.php.
*Yields were not disclosed by USDA NASS for counties with missing data.

Figure 1. Northwest Iowa district average soybean yields, 2010-2019

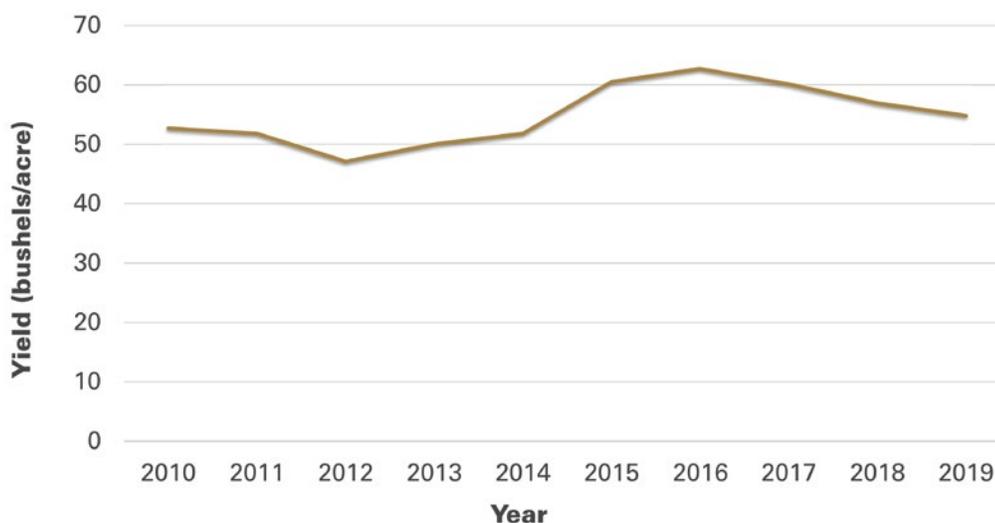


Table 2. North Central Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Butler	54.5	55.3	40.0	49.4	46.3	57.7	59.9	55.9	56.1	55.0	53.0
Cerro Gordo	51.5	47.7	42.5	40.3	50.2	58.9	58.6	55.2	51.7	52.7	50.9
Floyd	53.0	52.5	41.1	46.9	47.6	58.0	57.5	54.1	49.8	54.3	51.5
Franklin	50.3	52.4	44.5	46.0	47.4	57.8	60.5	57.0	58.5	54.1	52.9
Hancock	51.2	50.3	41.4	45.7	47.6	59.6	62.4	57.4	53.2	49.6	51.8
Humboldt	46.0	51.8	43.0	43.9	46.4	56.6	61.0	58.0	50.4	54.9	51.2
Kossuth	52.9	49.0	47.6	42.9	46.5	61.0	63.4	60.4	54.2	57.4	53.5
Mitchell	54.2	51.0	42.5	40.8	49.2	59.7	61.0	54.4	55.6	49.8	51.8
Winnebago	51.5	47.3	47.7	38.8	47.6	59.4	62.5	59.9	51.8	54.2	52.1
Worth	52.7	47.8	45.6	41.1	49.8	59.4	58.2	54.8	53.7	51.0	51.4
Wright	41.7	53.5	45.4	43.5	42.7	59.0	58.8	57.9	52.6	54.1	50.9
North Central	50.8	50.8	44.1	43.8	47.1	59.0	60.6	57.2	53.5	53.8	52.1

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).

Figure 2. North Central Iowa district average soybean yields, 2010-2019

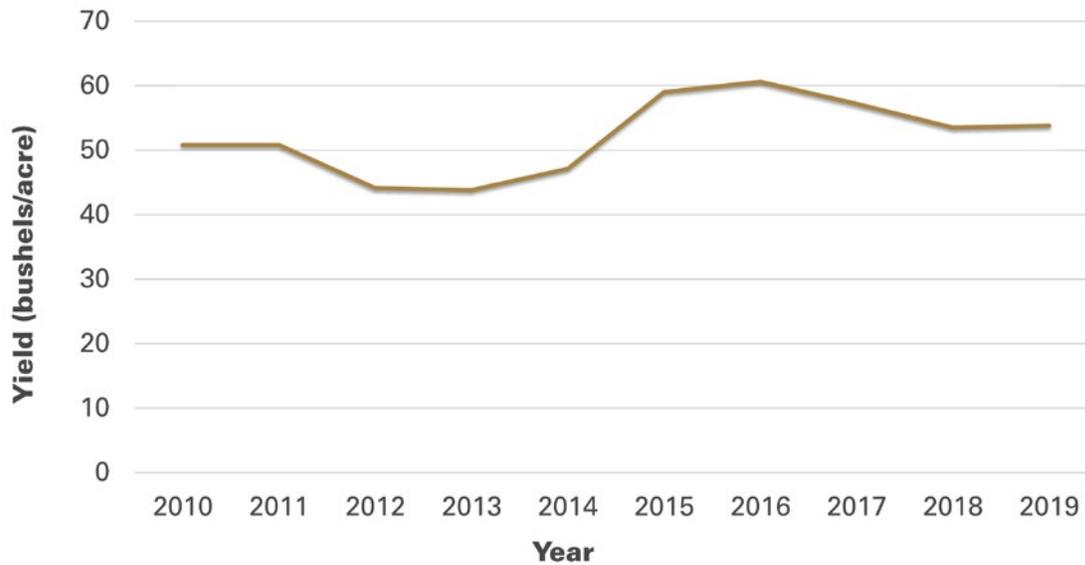


Table 3. Northeast Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Allamakee	52.2	52.1	52.2	50.7	50.6	54.1	56.8	52.6	52.8		52.7
Black Hawk	52.2	55.7	44.5	47.2	49.2	56.0	61.8	59.5	58.4	51.9	53.6
Bremer	52.7	56.0	46.7	49.9	48.2	59.4	62.1	56.8	57.3	52.5	54.2
Buchanan	50.5	55.1	47.1	49.2	49.5	57.7	60.2	55.9	57.2	55.2	53.8
Chickasaw	54.0	51.4	43.5	47.2	46.6	55.6	56.0	50.4	53.2	54.5	51.2
Clayton	56.8	59.1	54.7	55.1	51.5	56.8	63.2	59.0	58.8	56.4	57.1
Delaware	56.3	57.5	44.5	55.4	49.7	56.8	63.8	63.0	63.9		56.8
Dubuque	54.3	59.1	54.2	57.2	55.1	59.1	57.8	59.6	62.0	60.2	57.9
Fayette	52.6	57.9	50.6	50.0	49.5	56.3	62.3	56.3	56.5	55.5	54.8
Howard	54.7	51.4	46.4	41.2	48.7	59.9	56.4	51.6	53.7	52.1	51.6
Winneshiek	55.1	52.5	44.9	48.9	50.1	55.6	58.4	54.6	51.7	55.6	52.7
Other (Combined) Counties										56.4	
Northeast	53.5	55.0	47.4	49.2	49.5	57.1	60.1	56.1	56.7	54.7	53.9

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).

*Yields were not disclosed by USDA NASS for counties with missing data.

Figure 3. Northeast Iowa district average soybean yields, 2010-2019

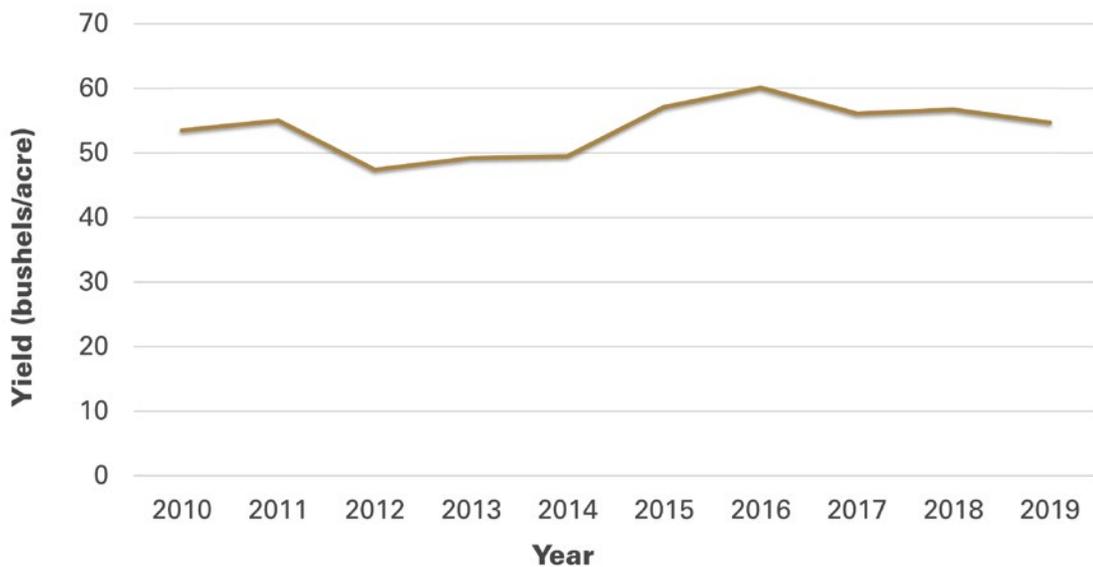


Table 4. West Central Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Audubon	55.3	55.1	38.7	45.0	55.2	57.8	62.0	57.2	52.3	58.9	53.8
Calhoun	47.6	51.7	40.3	36.4	51.0	55.2	62.3	57.5	53.1	55.1	51.0
Carroll	52.8	52.2	39.8	41.8	55.9	58.0	58.7	60.4	59.0	58.8	53.7
Crawford	57.0	53.0	45.6	46.4	55.6	58.5	64.3	61.3	61.7	61.9	56.5
Greene	48.1	51.0	38.3	36.5	52.2	53.6	63.5	56.7	55.5	54.2	51.0
Guthrie	50.0	53.2	37.7	38.9	47.8	54.4	58.4	59.2	52.0	54.2	50.6
Harrison	47.9	45.8	36.8	49.4	49.2	52.1	58.2	53.7	52.6		49.5
Ida	55.4	53.3	50.9	51.1	55.7	60.2	67.6	62.1	63.8		57.8
Monona	48.7	45.4	36.3	52.5	47.2	52.4	56.1	57.1	55.3	55.8	50.7
Sac	54.5	51.2	43.6	42.6	55.2	60.7	63.3	57.8	60.7	59.3	54.9
Shelby	55.4	51.2	43.5	51.3	55.3	57.2	60.5	58.2	57.8	58.7	54.9
Woodbury	50.4	46.8	42.4	49.0	51.8	56.4	61.2	58.1	59.5	56.8	53.2
Other (Combined) Counties										55.9	
West Central	51.9	50.6	41.2	45.3	52.6	56.3	61.2	58.2	57.1	57.3	53.2

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).

*Yields were not disclosed by USDA NASS for counties with missing data.

Figure 4. West Central Iowa district average soybean yields, 2010-2019

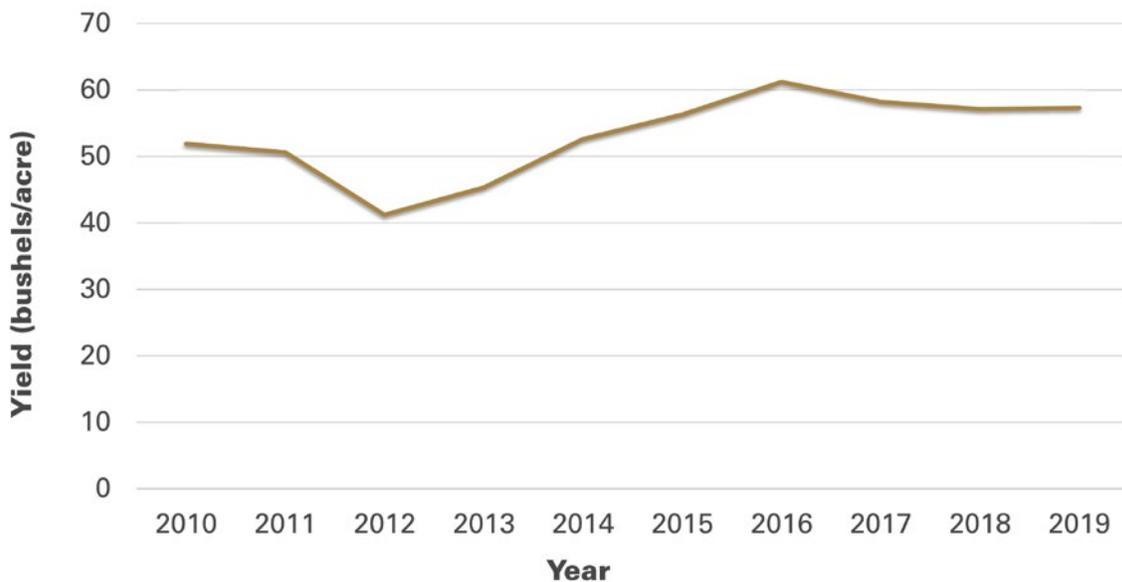


Table 5. Central Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Boone	46.6	51.2	45.7	42.0	50.2	53.7	60.2	56.7	54.6	53.2	51.4
Dallas	49.8	52.2	40.1	41.7	52.5	55.1	58.7	54.6	52.8	54.4	51.2
Grundy	59.6	59.8	54.1	52.6	53.0	60.5	64.8	63.6	61.9	56.3	58.6
Hamilton	48.1	52.5	45.8	38.0	46.1	54.3	61.0	57.2	49.9	51.4	50.4
Hardin	55.3	56.6	50.8	47.1	46.9	55.6	59.9	59.7	59.3	53.9	54.5
Jasper	48.3	54.6	50.9	43.2	54.6	57.9	60.3	60.5	60.7	56.5	54.8
Marshall	57.4	57.0	56.2	46.9	55.1	59.4	62.6	63.5	61.9	60.6	58.1
Polk	46.1	52.8	49.7	42.6	49.8	52.4	55.2	57.1	53.4	51.0	51.0
Poweshiek	51.3	56.5	52.7	43.4	50.7	56.3	57.5	56.6	58.2	53.4	53.7
Story	48.4	51.7	48.9	40.4	46.9	51.0	58.4	57.9	52.8	50.0	50.6
Tama	55.4	57.9	52.7	46.6	53.4	57.9	63.5	59.5	60.1	53.4	56.0
Webster	45.5	51.9	46.7	39.1	52.4	54.9	58.4	57.9	51.1	49.1	50.7
Central	51.2	54.7	49.9	43.7	51.2	56.0	60.3	58.9	56.6	53.7	53.6

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).

Figure 5. Central Iowa district average soybean yields, 2010-2019

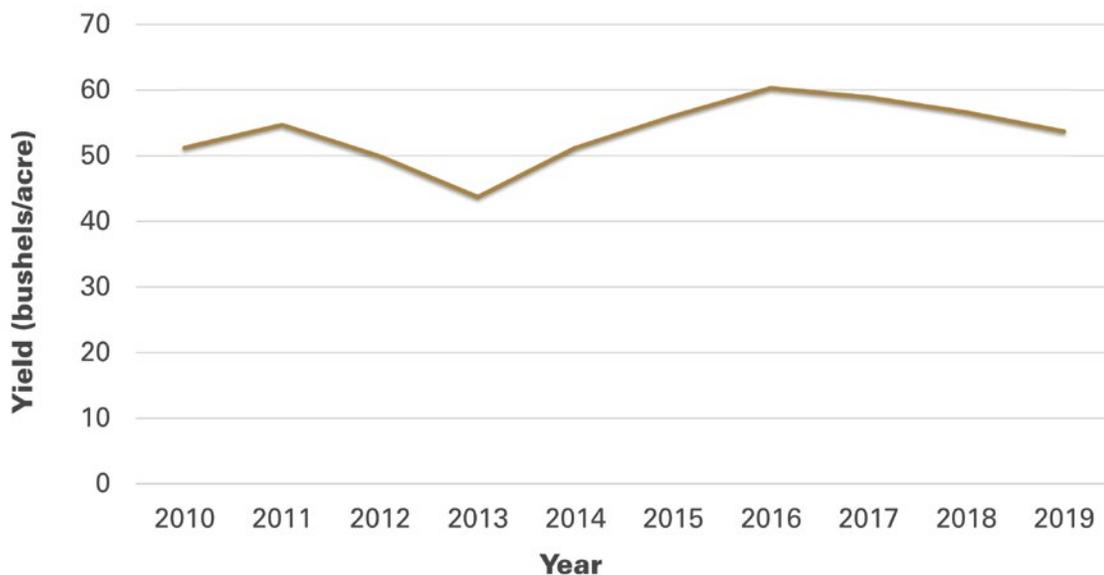


Table 6. East Central Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Benton	52.7	57.3	47.5	46.6	52.7	56.5	61.1	57.6	61.0	57.9	55.1
Cedar	53.1	62.4	56.6	50.2	55.8	56.9	60.5	59.6	63.3		57.6
Clinton	51.4	61.7	52.0	51.9	57.5	59.2	59.8	59.7	58.3	59.5	57.1
Iowa	52.3	55.0	52.7	43.4	53.4	56.2	57.4	56.7	56.0	52.3	53.5
Jackson	52.4	56.6	47.1	50.1	54.9	58.3	61.1	59.2	58.1		55.3
Johnson	48.9	55.2	47.4	46.3	50.0	55.4	56.1	56.4	59.9	55.5	53.1
Jones	52.6	60.4	51.6	53.5	52.5	55.2	60.4	54.9	60.1	57.2	55.8
Linn	53.8	57.1	46.1	46.2	51.1	56.2	60.0	56.0	57.7	56.5	54.1
Muscatine	48.9	56.7	52.1	47.1	56.7	56.2	60.8	60.3	61.7	55.2	55.6
Scott	52.4	64.0	49.7	54.2	59.7	61.1	64.4	63.4	63.7	60.5	59.3
Other (Combined) Counties										55.2	
East Central	52.0	58.6	50.4	48.6	54.2	57.0	60.0	58.2	60.0	56.6	55.6

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).
 *Yields were not disclosed by USDA NASS for counties with missing data.

Figure 6. East Central Iowa district average soybean yields, 2010-2019

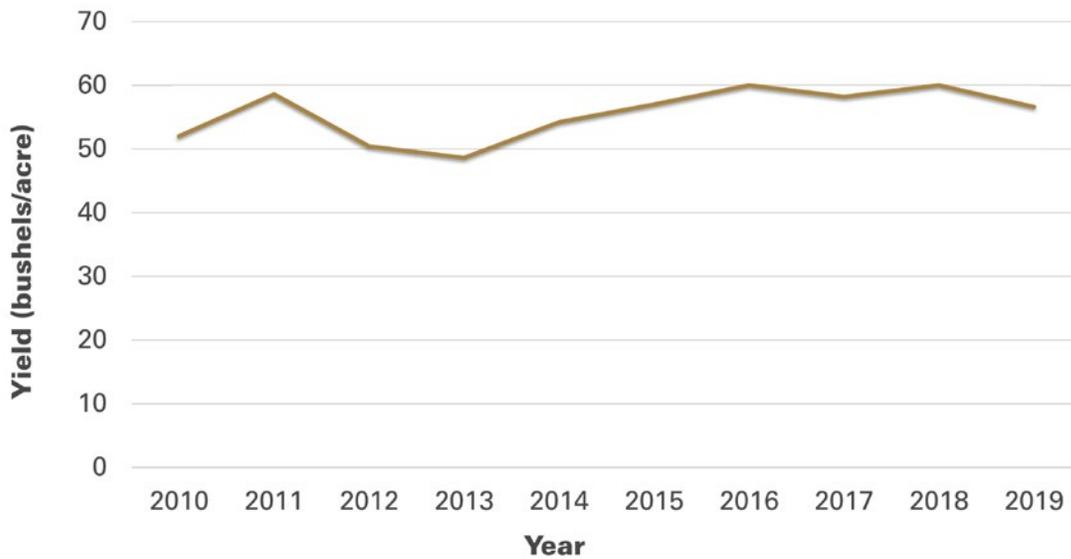


Table 7. Southwest Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Adair	48.7	50.3	38.6	36.8	50.0	55.1	59.3	50.5	50.1	53.3	49.3
Adams	47.7	46.9	40.9	44.1	47.6	50.3	56.5	52.6	53.2		48.9
Cass	53.2	52.4	37.1	44.8	53.8	57.2	59.6	56.9	52.6	56.9	52.5
Fremont	47.0	45.1	41.4	47.9	55.5	52.1	55.5	60.1	50.6		50.6
Mills	51.0	45.4	38.0	50.1	54.5		56.3	55.7			50.1
Montgomery	49.7	45.9	42.6	45.9	50.0	51.0	57.8	56.2	51.8	58.3	50.9
Page	47.8	37.8	45.8	44.4	54.7	49.8	57.5	55.4	50.5	55.9	50.0
Pottawattamie	52.3	52.6	34.6	52.1	51.2	58.5	60.6	57.0		58.5	53.0
Taylor	46.7	38.6	39.4	37.2	50.7		51.6	52.8		49.9	45.9
Other (Combined) Counties						48.1			52.1	55.8	52.0
Southwest	49.8	46.9	39.3	45.5	52.2	53.2	57.6	55.6	51.6	55.9	50.8

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).
 *Yields were not disclosed by USDA NASS for counties with missing data.

Figure 7. Southwest Iowa district average soybean yields, 2010-2019

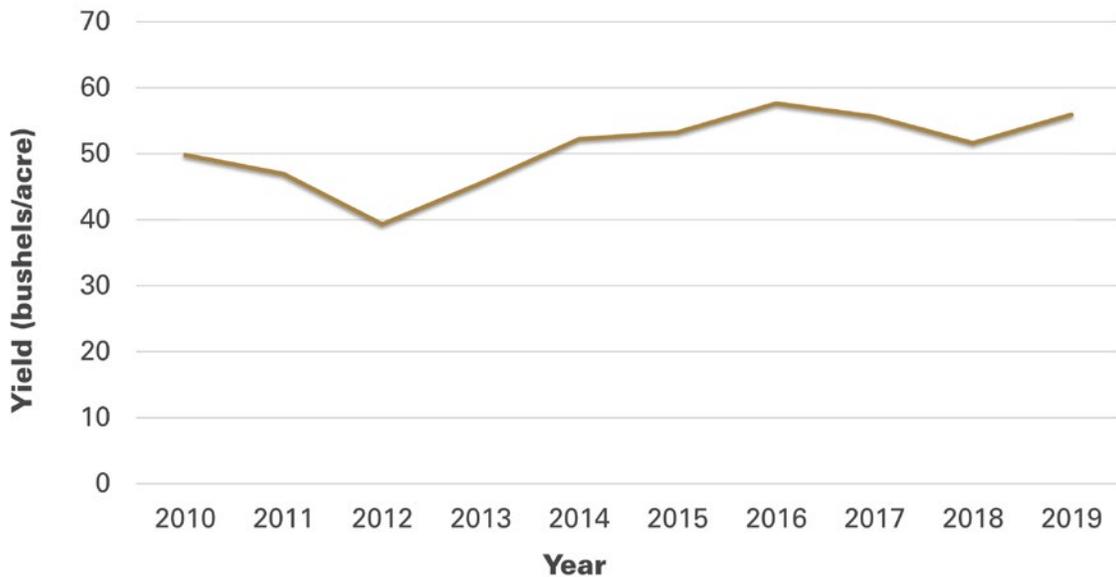


Table 8. South Central Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Appanoose	42.6	43.1	24.6	29.5	46.7	48.2	55.9	50.7	45.1		42.9
Clarke	41.4	41.1	39.2	36.5	43.5	41.3	49.9		47.9		42.6
Decatur	42.9	43.7	33.8	31.6	40.2	46.4	57.2		48.0		43.0
Lucas	41.8	43.1	36.0	33.4	45.8	49.1	54.4	41.4	41.5		42.9
Madison	48.6	46.5	36.7	39.1	46.5	53.9	57.1	52.5	50.9	52.3	48.4
Marion	46.9	48.8	45.6	45.0	47.0	56.0	56.6	52.9	58.3	54.0	51.1
Monroe	44.8	42.4	32.9	29.0	48.9	50.9	57.3	51.0	50.4	56.1	46.4
Ringgold	43.9	43.7	36.9	33.8	46.1	43.2	51.7	48.8	47.2		43.9
Union	48.1	53.0	33.1	37.6	49.5	46.7	56.0	44.5	48.6	53.7	47.1
Warren	48.4	45.5	43.3	42.5	46.6	53.6	54.3	49.9	52.0	52.3	48.8
Wayne	42.6	45.1	28.1	33.2	45.8	45.0	54.2		49.0	52.5	43.9
Other (Combined) Counties								45.0		50.1	47.6
South Central	45.3	45.6	35.9	36.6	46.1	49.6	55.0	48.4	49.6	52.0	46.4

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).
 *Yields were not disclosed by USDA NASS for counties with missing data.

Figure 8. South Central Iowa district average soybean yields, 2010-2019

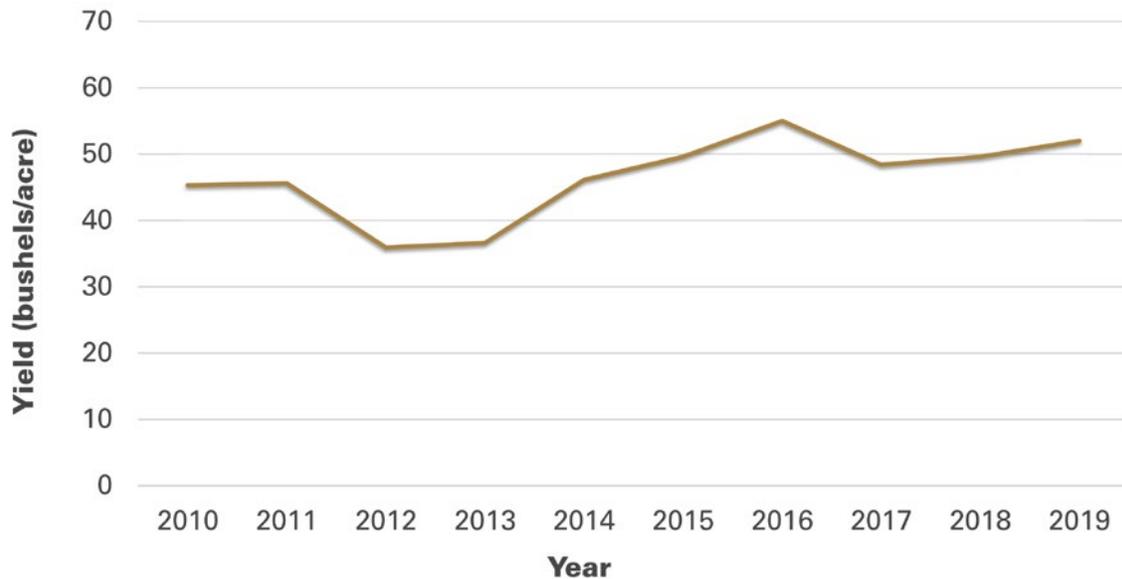


Table 9. Southeast Iowa district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Davis	46.6	32.8	29.3	36.8	45.7	48.9	57.4	37.6	50.2	54.6	44.0
Des Moines	51.1	52.5	48.0	46.6	54.2	54.5	60.4	59.6	63.8	55.1	54.6
Henry	49.7	44.5	50.3	45.3	56.1	55.8	57.2	60.5	62.3	56.9	53.9
Jefferson	46.8	41.9	44.0	41.1	47.3	50.1	55.1	46.1	62.0	53.3	48.8
Keokuk	45.4	50.6	49.1	41.1	52.6	53.4	57.1	51.6	57.7	55.8	51.4
Lee	49.3	40.6	43.1	39.4	54.5	47.0	61.4	53.5	64.7	54.8	50.8
Louisa	47.7	51.1	52.3	41.9	53.8	57.5	56.4	59.0	58.1	54.3	53.2
Mahaska	47.2	52.7	51.2	44.8	48.9	55.6	59.1	54.4	59.7	53.7	52.7
Van Buren	48.0	35.2	42.0	40.7	49.4	46.1	56.6	36.6	54.2	53.9	46.3
Wapello	45.6	42.6	42.2	41.4	48.7	48.5	58.1	45.0	60.2	55.5	48.8
Washington	46.9	55.5	51.6	45.1	54.0	58.9	55.8	61.7	61.5	54.7	54.6
Southeast	47.6	46.8	46.7	42.5	51.6	53.2	57.7	52.7	59.8	54.8	51.3

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).

Figure 9. Southeast Iowa district average soybean yields, 2010-2019

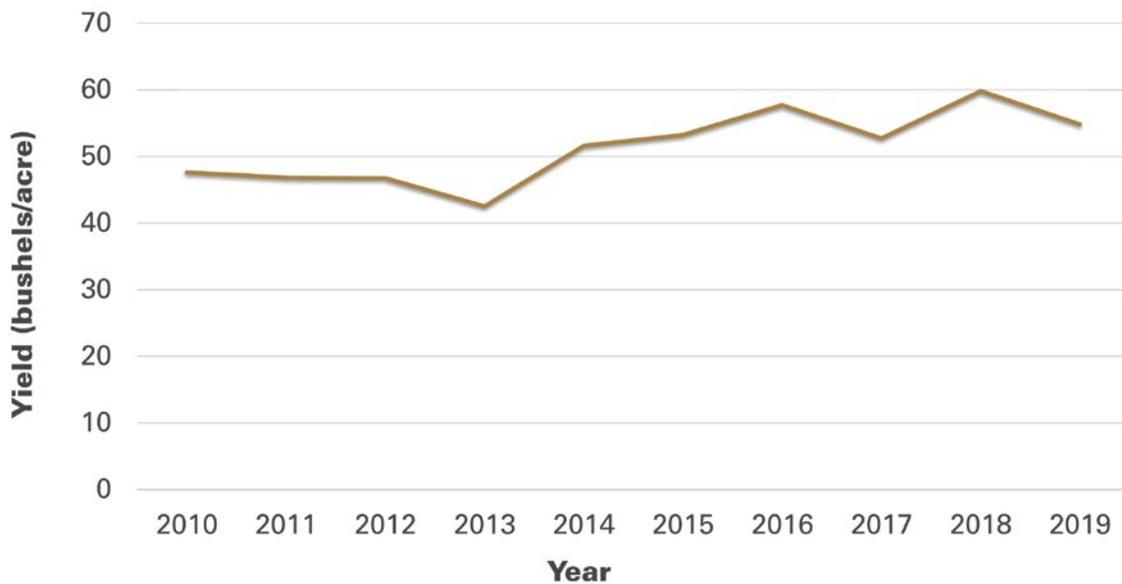
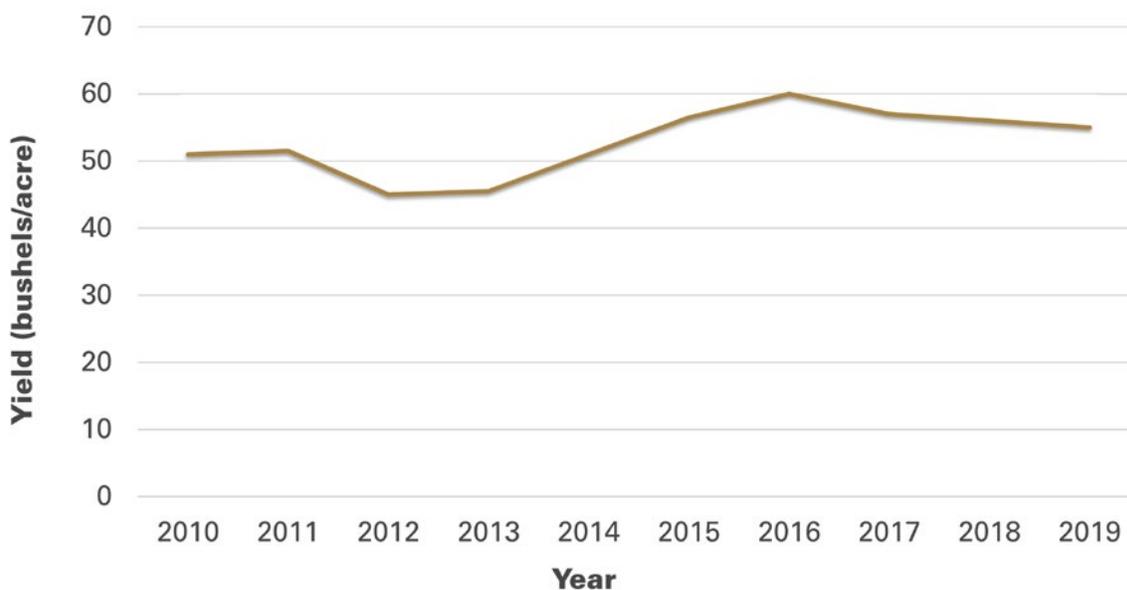


Table 10. Iowa crop reporting district average soybean yields, 2010-2019 (bushels/acre)

Soybean Yields	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Avg.
Northwest	52.7	51.8	47.1	50.0	51.8	60.5	62.7	60.1	56.9	54.8	54.8
North Central	50.8	50.8	44.1	43.8	47.1	59.0	60.6	57.2	53.5	53.8	52.1
Northeast	53.5	55.0	47.4	49.2	49.5	57.1	60.1	56.1	56.7	54.7	53.9
West Central	51.9	50.6	41.2	45.3	52.6	56.3	61.2	58.2	57.1	57.3	53.2
Central	51.2	54.7	49.9	43.7	51.2	56.0	60.3	58.9	56.6	53.7	53.6
East Central	52.0	58.6	50.4	48.6	54.2	57.0	60.0	58.2	60.0	56.6	55.6
Southwest	49.8	46.9	39.3	45.5	52.2	53.2	57.6	55.6	51.6	55.9	50.8
South Central	45.3	45.6	35.9	36.6	46.1	49.6	55.0	48.4	49.6	52.0	46.4
Southeast	47.6	46.8	46.7	42.5	51.6	53.2	57.7	52.7	59.8	54.8	51.3
State Total	51.0	51.5	45.0	45.5	51.0	56.5	60.0	57.0	56.0	55.0	52.9

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).

Figure 10. Iowa average soybean yields, 2010-2019

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