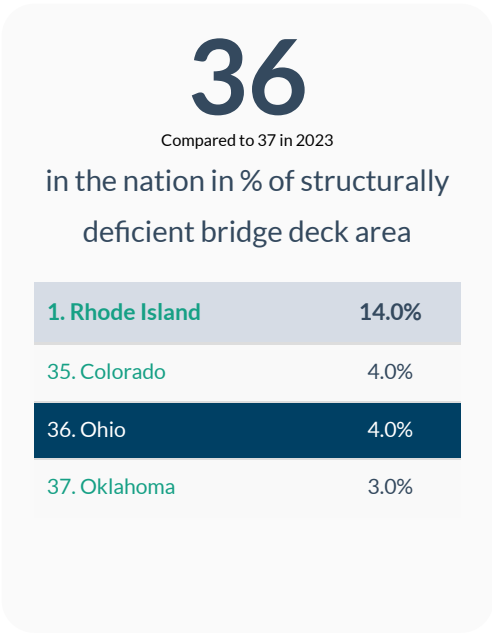
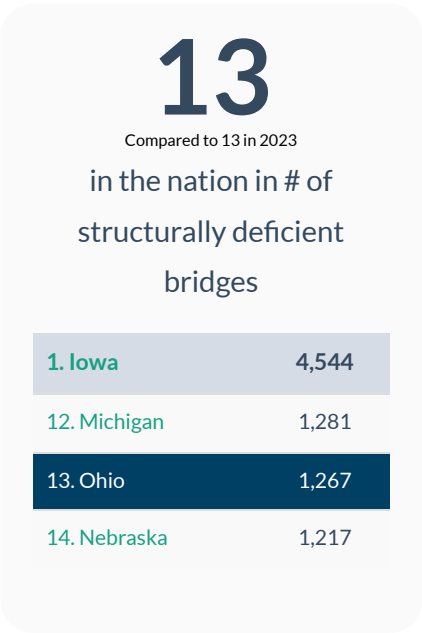
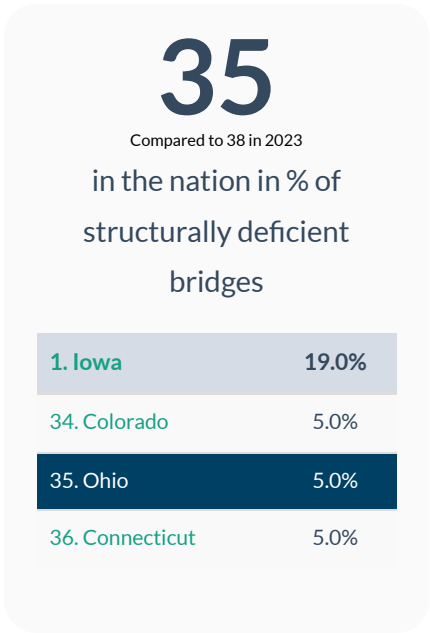
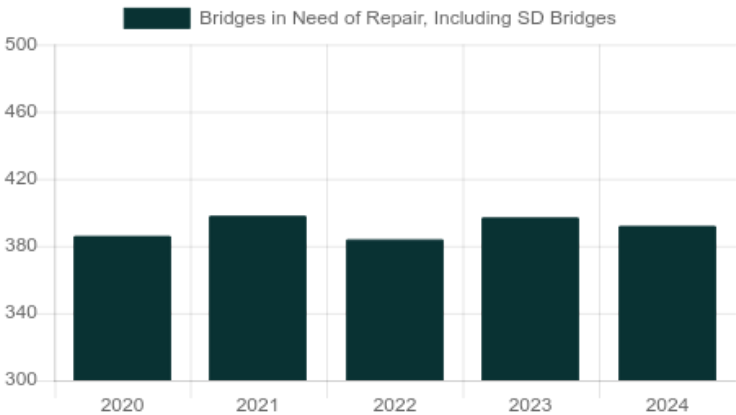


Ohio Congressional District 16

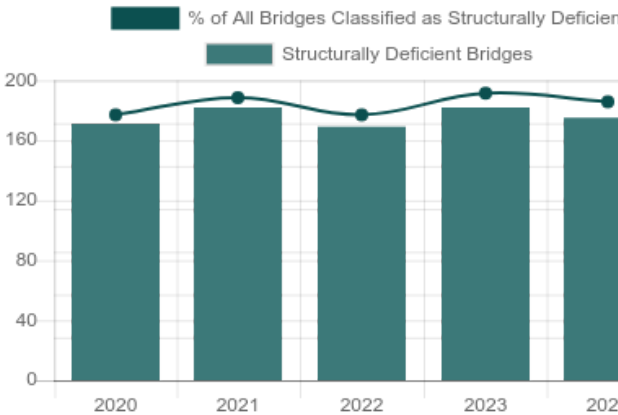
- Of the 2,709 bridges in the counties of this district, 175, or 6.5 percent, are classified as structurally deficient. This means one of the key elements is in poor or worse condition.
- This is up from 171 bridges classified as structurally deficient in 2020.
- Repairs are needed on 392 bridges in the district, which will cost an estimated \$966.2 million.
- This compares to 386 bridges that needed work in 2020.
- The state has committed \$5.3 million in IJA bridge formula funds to support 7 projects in the District.



Number of Bridges in Need of Repair, Including Structurally Deficient Bridges



Number of Structurally Deficient Bridges



Top Most Traveled Structurally Deficient Bridges in Ohio

County	Year Built	Daily Crossings	Type of Bridge	Location
Cuyahoga	1971	142,337	Urban Interstate	Ir 480 over Cr 8 (Lee Rd)
Cuyahoga	1971	106,617	Urban Interstate	Ir 90 over Rocky River Valley
Cuyahoga	1980	77,220	Urban Interstate	Ramp SW from I-71 over IR 480 Mainline
Cuyahoga	1980	77,220	Urban Interstate	Ramp Es from I-480 over IR 480 Mainline
Cuyahoga	1962	59,893	Urban Interstate	IR 77 over E 22 St
Cuyahoga	1962	59,893	Urban Interstate	IR 77 over US-422 WB (Cuy-422-0125)
Cuyahoga	1962	59,893	Urban Interstate	IR 77 over E 14th St
Cuyahoga	1973	44,715	Urban Interstate	Ir 480 E.B. over Up 480-ES&Wn,Dn 77-Sw&Ne
Cuyahoga	1973	44,715	Urban Interstate	Ir 480 WB over Up480-ES&Wn,Dn77-Sw&Ne
Cuyahoga	1976	41,217	Urban minor arterial	Warren Road CR-66 over IR-90 (Warren)
Cuyahoga	1987	31,223	Urban other principal arterial	SR 237 over Snow Road
Cuyahoga	1932	28,437	Urban minor arterial	SR 82 over Chippewa Crk .40 MI E 21
Cuyahoga	1967	23,303	Urban minor arterial	West 150th St over N&S RR, Rta & Chatfield
Cuyahoga	1900	21,695	Urban minor arterial	Mlk Blvd 3-1 over Doan Brook 3-1
Cuyahoga	1980	19,407	Urban other principal arterial	SR 252 over I-480 (Grt Nrthrn Blvd)
Cuyahoga	1900	17,488	Urban minor arterial	Mlk Blvd 5037M over Doan Brook 6-1
Cuyahoga	1900	16,514	Urban other principal arterial	Mlk Blvd 9-1 over Doan Brook 9-1
Summit	1938	16,475	Urban other principal arterial	Main St. over CSX & Conrail (101)
Cuyahoga	1987	16,310	Urban other principal arterial	Warrensville Ctr over Rta
Cuyahoga	1975	14,583	Urban freeway/expressway	Usr 422 over SR 91 Som Center Rd
Cuyahoga	1933	14,415	Urban minor arterial	SR 17 over Rocky River
Cuyahoga	1960	14,326	Urban collector	E. 14th St. Ramp over IR-77NB Rmp to E14th NB
Cuyahoga	1958	14,182	Urban other principal arterial	PI Valley Rd Cr121 over Canal Rd, Oh Canal/Metro
Cuyahoga	1958	14,182	Urban other principal arterial	PI Valley Rd Cr121 over Riverview Rd/Creek
Cuyahoga	1930	13,835	Urban minor arterial	SR 10 over Columbus Rd

Bridge Inventory: Ohio

Type of Bridge	Number of Bridges	Area of All Bridges (sq. meters)	Daily Crossings on All Bridges	Number of Structurally Deficient Bridges	Area of Structurally Deficient Bridges (sq. meters)	Daily Crossings on Structurally Deficient Bridges
Rural Interstate	65	102,215	1,327,342	0	0	0
Rural arterial	56	30,324	456,445	1	201	6,936
Rural minor arterial	49	20,568	259,505	1	984	3,813
Rural major collector	128	42,621	361,398	7	988	16,800
Rural minor collector	79	15,335	134,299	7	1,018	4,912
Rural local road	415	83,450	339,331	46	4,625	29,227
Urban Interstate	482	1,100,166	24,049,204	12	30,658	703,712
Urban freeway/expressway	145	286,065	3,739,872	1	964	14,583
Urban other principal arterial	225	388,733	3,253,738	11	20,436	164,077
Urban minor arterial	384	438,245	3,799,100	35	68,473	376,350
Urban collector	294	212,790	1,705,548	12	5,040	62,894
Urban local road	387	153,847	1,117,554	42	10,956	76,759
Total	2,709	2,874,360	40,543,336	175	144,345	1,460,063

Proposed Bridge Work

Type of Work	Number of Bridges	Cost to Repair (in millions)	Daily Crossings	Area of Bridges (sq. meters)
Bridge replacement	83	\$147	1,052,452	52,115
Widening & rehabilitation	10	\$53	258,415	26,237
Rehabilitation	200	\$421	1,711,435	222,762
Deck rehabilitation/replacement	60	\$305	1,721,047	158,731
Other structural work	39	\$40	341,996	21,373
Total	392	\$966	5,085,345	481,218

About the data:

Data includes information for the following area(s): Cuyahoga County, Medina County, Portage County, Stark County, Summit County, Wayne County

Data and cost estimates are from the Federal Highway Administration (FHWA) National Bridge Inventory (NBI), downloaded on August 20, 2024. Note that specific conditions on bridges may have changed as a result of recent work or updated inspections.

Effective January 1, 2018, FHWA changed the definition of structurally deficient as part of the final rule on highway and bridge performance measures, published May 20, 2017 pursuant to the 2012 federal aid highway bill Moving Ahead for Progress in the 21st Century Act (MAP-21). Two measures that were previously used to classify bridges as structurally deficient are no longer used. This includes bridges where the overall structural evaluation was rated in poor or worse condition, or where the adequacy of waterway openings was insufficient.

The new definition limits the classification to bridges where one of the key structural elements—the deck, superstructure, substructure or culverts, are rated in poor or worse condition. During inspection, the conditions of a variety of bridge elements are rated on a scale of 0 (failed condition) to 9 (excellent condition). A rating of 4 is considered “poor” condition.

Cost estimates have been derived by ARTBA, based on 2023 average bridge replacement costs for structures on and off the National Highway System, [published by FHWA](#). Bridge rehabilitation costs are estimated to be 68 percent of replacement costs. A bridge is considered to need repair if the structure has identified repairs as part of the NBI, a repair cost estimate is supplied by the bridge owner or the bridge is classified as structurally deficient. Please note that for a few states, the number of bridges needing to be repaired can vary significantly from year to year, and reflects the data entered by the state.

Bridges are classified by FHWA into types based on the functional classification of the roadway on the bridge. Interstates comprise routes officially designated by the Secretary of Transportation. Other principal arterials serve major centers of urban areas or provide mobility through rural areas. Freeways and expressways have directional lanes generally separated by a physical barrier, and access/egress points generally limited to on- and off-ramps. Minor arterials serve smaller areas and are used for trips of moderate length. Collectors funnel traffic from local roads to the arterial network; major collectors have higher speed limits and traffic volumes and are longer in length and spaced at greater intervals, while minor collectors are shorter and provide service to smaller communities. Local roads do not carry through traffic and are intended for short distance travel.