

Table 18.04-- CONDITION OF BRIDGES: 2009 TO 2022

[Good (G), Fair (F), Poor (P): These terms are defined in accordance with the pavement and bridge condition performance measures final rule, published in January of 2017. Bridge condition is determined by the lowest rating of National Bridge Inventory (NBI) condition ratings for item 58 (deck), item 59 (superstructure), item 60 (substructure), or item 62 (culvert). If the lowest rating is greater than or equal to 7, the bridge is classified as good; if it is less than or equal to 4, the classification is poor. Bridges rated 5 or 6 are classified as fair.

| Year | Bridge counts | | | Bridge area (square meters) 1/ | | | | |
|------|---------------|------|------|--------------------------------|-----------|---------|-----------|--------|
| | Total | Good | Fair | Poor | Total | Good | Fair | Poor |
| 2009 | 1,133 | 389 | 659 | 85 | 1,321,814 | 376,003 | 920,392 | 25,420 |
| 2010 | 1,137 | 380 | 679 | 78 | 1,323,345 | 378,464 | 919,875 | 25,006 |
| 2011 | 1,132 | 354 | 705 | 73 | 1,309,322 | 348,396 | 939,298 | 21,627 |
| 2012 | 1,131 | 347 | 712 | 72 | 1,313,634 | 306,144 | 984,599 | 22,892 |
| 2013 | 1,125 | 328 | 722 | 75 | 1,314,136 | 293,854 | 997,253 | 23,029 |
| 2014 | 1,137 | 486 | 581 | 59 | 1,389,453 | 417,881 | 879,437 | 18,605 |
| 2015 | 1,142 | 486 | 591 | 59 | 1,391,813 | 403,646 | 904,894 | 19,697 |
| 2016 | 1,132 | 436 | 634 | 62 | 1,319,917 | 358,370 | 942,557 | 18,989 |
| 2017 | 1,135 | 428 | 642 | 65 | 1,320,446 | 356,706 | 944,069 | 19,671 |
| 2018 | 1,137 | 355 | 704 | 78 | 1,324,180 | 326,663 | 968,926 | 28,592 |
| 2019 | 1,138 | 297 | 761 | 80 | 1,324,476 | 303,594 | 989,540 | 31,342 |
| 2020 | 1,153 | 246 | 823 | 84 | 1,362,885 | 263,181 | 1,064,802 | 34,901 |
| 2021 | 1,162 | 265 | 810 | 87 | 1,375,035 | 268,221 | 1,072,343 | 34,472 |
| 2022 | 1,177 | 284 | 819 | 74 | 1,421,369 | 341,471 | 1,041,228 | 38,669 |

1/ This term is defined in accordance with the pavement and bridge condition performance measures final rule, published in January of 2017. Bridge deck area is determined by multiplying length (NBI Item 49) by width. If NBI Item 52 (deck width) is greater than zero, this value is used for width in the calculation. If item 52 is zero or null, as in cases where the roadway is on a fill over the structure and headwalls do not affect the flow of traffic, NBI Item 32 (approach roadway width) is used for width in the calculation. For data prior to 2018, only item 52 is used for width in the calculation, regardless of its value.

Source: U.S. Department of Transportation, Federal Highway Administration, Bridges and Structures, *Bridges Condition by Highway System* <<https://www.fhwa.dot.gov/bridge/nbi/condition.cfm>> accessed June 14, 2023.