

FUNCTIONAL SYSTEM LENGTH - 2024

MILES BY MEASURED PAVEMENT ROUGHNESS - RURAL

TABLE HM-64
SHEET 1 OF 4

October 17, 2025

| STATE | INTERNATIONAL ROUGHNESS INDEX (IRI) (1) | | | | | | | | | |
|----------------------|---|--------|-------|--------|---------|---------|---------|---------|-------|-------------------|
| | INTERSTATE | | | | | | | | | TOTAL REPORTED |
| | NOT REPORTED (2) | < 60 | 60-94 | 95-119 | 120-144 | 145-170 | 171-194 | 195-220 | > 220 | |
| Alabama | 4 | 465 | 54 | 20 | 10 | 6 | 4 | 2 | 3 | 565 |
| Alaska | 0 | 204 | 332 | 168 | 109 | 78 | 46 | 29 | 34 | 998 |
| Arizona | 1 | 541 | 223 | 75 | 38 | 23 | 12 | 7 | 13 | 933 |
| Arkansas | - | 252 | 111 | 32 | 16 | 9 | 6 | 1 | 1 | 430 |
| California | - | 410 | 427 | 143 | 94 | 53 | 29 | 18 | 26 | 1,200 |
| Colorado | - | 60 | 302 | 124 | 54 | 30 | 15 | 13 | 20 | 619 |
| Connecticut | - | 21 | 7 | 1 | 0 | 0 | - | - | 0 | 30 |
| Delaware | - | - | - | - | - | - | - | - | - | - |
| District of Columbia | - | - | - | - | - | - | - | - | - | - |
| Florida | - | 539 | 92 | 17 | 9 | 3 | 1 | 1 | 0 | 661 |
| Georgia | - | 427 | 156 | 40 | 12 | 8 | 3 | 1 | 2 | 649 |
| Hawaii | - | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 6 |
| Idaho | 0 | 303 | 151 | 32 | 17 | 8 | 3 | 1 | 1 | 517 |
| Illinois | - | 829 | 266 | 71 | 30 | 14 | 7 | 6 | 4 | 1,228 |
| Indiana | 4 | 407 | 240 | 82 | 43 | 25 | 11 | 7 | 7 | 823 |
| Iowa | - | 227 | 257 | 64 | 24 | 14 | 5 | 3 | 3 | 597 |
| Kansas | 0 | 409 | 143 | 38 | 24 | 7 | 2 | 1 | 0 | 624 |
| Kentucky | 2 | 523 | 147 | 34 | 19 | 11 | 4 | 1 | 1 | 741 |
| Louisiana | 5 | 172 | 136 | 92 | 68 | 33 | 13 | 5 | 2 | 523 |
| Maine | 0 | 210 | 33 | 9 | 3 | 1 | 0 | 0 | 0 | 256 |
| Maryland | 0 | 64 | 52 | 12 | 4 | 2 | 1 | 1 | 1 | 136 |
| Massachusetts | - | 37 | 12 | 2 | 1 | 1 | 0 | 0 | 0 | 53 |
| Michigan | 4 | 281 | 184 | 29 | 20 | 14 | 7 | 3 | 3 | 540 |
| Minnesota | - | 259 | 244 | 47 | 13 | 4 | 1 | 0 | 1 | 569 |
| Mississippi | - | 358 | 134 | 32 | 19 | 12 | 7 | 3 | 2 | 567 |
| Missouri | - | 617 | 146 | 37 | 17 | 11 | 8 | 3 | 2 | 841 |
| Montana | - | 521 | 450 | 78 | 32 | 13 | 6 | 2 | 4 | 1,105 |
| Nebraska | - | 220 | 149 | 22 | 9 | 6 | 4 | 1 | 0 | 410 |
| Nevada | - | 416 | 26 | 6 | 3 | 2 | 1 | - | 0 | 456 |
| New Hampshire | - | 105 | 16 | 4 | 3 | 1 | 0 | 0 | - | 129 |
| New Jersey | - | 16 | 21 | 5 | 2 | 1 | 0 | 0 | - | 45 |
| New Mexico | 0 | 480 | 171 | 67 | 41 | 28 | 18 | 11 | 11 | 825 |
| New York | 14 | 374 | 306 | 63 | 33 | 20 | 8 | 3 | 3 | 809 |
| North Carolina | 0 | 568 | 180 | 31 | 13 | 7 | 4 | 2 | 3 | 808 |
| North Dakota | - | 275 | 181 | 32 | 12 | 3 | 1 | 1 | 1 | 505 |
| Ohio | - | 394 | 156 | 38 | 18 | 10 | 3 | 2 | 2 | 624 |
| Oklahoma | 12 | 303 | 251 | 52 | 22 | 11 | 6 | 4 | 2 | 652 |
| Oregon | - | 313 | 145 | 31 | 11 | 6 | 2 | 1 | 1 | 509 |
| Pennsylvania | - | 656 | 341 | 81 | 36 | 18 | 9 | 6 | 9 | 1,156 |
| Rhode Island | - | 12 | 3 | 1 | 0 | - | - | - | - | 15 |
| South Carolina | 1 | 291 | 116 | 25 | 17 | 7 | 3 | 2 | 1 | 462 |
| South Dakota | - | 297 | 260 | 22 | 8 | 3 | 1 | 1 | 0 | 591 |
| Tennessee | 2 | 586 | 56 | 15 | 10 | 5 | 3 | 1 | 1 | 678 |
| Texas | 14 | 819 | 821 | 194 | 68 | 29 | 12 | 5 | 4 | 1,953 |
| Utah | - | 387 | 214 | 48 | 22 | 6 | 2 | 1 | 1 | 680 |
| Vermont | 1 | 189 | 58 | 10 | 6 | 2 | 1 | 1 | 1 | 268 |
| Virginia | - | 263 | 187 | 30 | 11 | 5 | 3 | 1 | 2 | 502 |
| Washington | - | 200 | 103 | 40 | 23 | 15 | 8 | 9 | 9 | 407 |
| West Virginia | 0 | 150 | 162 | 27 | 15 | 10 | 4 | 2 | 2 | 371 |
| Wisconsin | 0 | 287 | 134 | 58 | 24 | 13 | 5 | 2 | 1 | 525 |
| Wyoming | - | 528 | 177 | 51 | 27 | 13 | 6 | 3 | 2 | 807 |
| U.S. Total | 64 | 16,267 | 8,536 | 2,233 | 1,113 | 603 | 296 | 166 | 185 | 29,398 |
| Puerto Rico | 0 | 3 | 18 | 10 | 7 | 6 | 6 | 4 | 6 | 61 |
| Grand Total | 65 | 16,270 | 8,554 | 2,243 | 1,120 | 608 | 302 | 170 | 192 | 29,459 |

FUNCTIONAL SYSTEM LENGTH - 2024

MILES BY MEASURED PAVEMENT ROUGHNESS - RURAL

TABLE HM-64

October 17, 2025

SHEET 2 OF 4

| STATE | INTERNATIONAL ROUGHNESS INDEX (IRI) (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|-------|-------|--------|---------|---------|---------|---------|-------|--------------------------|------------------|--------|--------|--------|---------|---------|---------|---------|--------------------|----------------|------------------|--------|-------|--------|---------|---------|---------|---------|-------|----------------|
| | OTHER FREEWAYS & EXPRESSWAYS | | | | | | | | | OTHER PRINCIPAL ARTERIAL | | | | | | | | | MINOR ARTERIAL (3) | | | | | | | | | | | |
| | NOT REPORTED (2) | < 60 | 60-94 | 95-119 | 120-144 | 145-170 | 171-194 | 195-220 | > 220 | TOTAL REPORTED | NOT REPORTED (2) | < 60 | 60-94 | 95-119 | 120-144 | 145-170 | 171-194 | 195-220 | > 220 | TOTAL REPORTED | NOT REPORTED (2) | < 60 | 60-94 | 95-119 | 120-144 | 145-170 | 171-194 | 195-220 | > 220 | TOTAL REPORTED |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alabama | - | - | - | - | - | - | - | - | - | 18 | 1,084 | 663 | 150 | 71 | 34 | 14 | 7 | 8 | 2,031 | 123 | 877 | 2,122 | 563 | 174 | 63 | 17 | 11 | 7 | 3,835 | |
| Alaska | - | - | - | - | - | - | - | - | - | 279 | 103 | 176 | 48 | 36 | 32 | 22 | 22 | 77 | 517 | 2 | 30 | 79 | 55 | 57 | 45 | 25 | 13 | 13 | 317 | |
| Arizona | 0 | 8 | 7 | 2 | 1 | 1 | 0 | 0 | 19 | 10 | 324 | 432 | 196 | 126 | 80 | 42 | 28 | 32 | 1,260 | 15 | 250 | 688 | 504 | 326 | 207 | 114 | 67 | 55 | 2,210 | |
| Arkansas | - | 8 | 41 | 18 | 4 | 1 | 0 | 0 | 73 | 49 | 597 | 716 | 228 | 124 | 69 | 30 | 16 | 15 | 1,794 | 1,097 | 148 | 948 | 343 | 331 | 44 | 92 | 9 | 6 | 1,920 | |
| California | 0 | 121 | 173 | 59 | 30 | 11 | 6 | 3 | 5 | 409 | 728 | 1,375 | 547 | 292 | 170 | 77 | 45 | 68 | 3,302 | - | 425 | 998 | 803 | 709 | 540 | 330 | 248 | 385 | 4,438 | |
| Colorado | - | 9 | 13 | 5 | 3 | 1 | 1 | 0 | 0 | 31 | 502 | 1,099 | 434 | 231 | 112 | 55 | 34 | 49 | 2,515 | 1 | 234 | 949 | 592 | 481 | 299 | 196 | 126 | 211 | 3,089 | |
| Connecticut | - | 19 | 12 | 1 | 0 | 0 | - | - | 34 | - | 8 | 48 | 32 | 17 | 9 | 4 | 3 | 2 | 122 | - | 8 | 91 | 42 | 33 | 19 | 11 | 5 | 4 | 214 | |
| Delaware | 0 | 11 | 14 | 2 | 1 | 0 | 0 | 0 | 29 | 13 | 35 | 53 | 13 | 3 | 1 | 0 | 0 | 0 | 105 | 1 | 26 | 45 | 13 | 6 | 1 | 0 | - | 0 | 92 | |
| District of Columbia | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Florida | - | 112 | 17 | 2 | 0 | 0 | - | - | 131 | 90 | 1,250 | 910 | 229 | 86 | 35 | 15 | 6 | 6 | 2,538 | 622 | 479 | 578 | 226 | 86 | 33 | 13 | 6 | 6 | 1,427 | |
| Georgia | - | - | - | - | - | - | - | - | - | - | 1,223 | 1,083 | 306 | 123 | 39 | 14 | 6 | 5 | 2,798 | - | 883 | 2,500 | 1,105 | 457 | 162 | 55 | 22 | 30 | 5,214 | |
| Hawaii | - | - | - | - | - | - | - | - | - | 1 | 5 | 23 | 16 | 8 | 6 | 3 | 2 | 3 | 67 | 0 | 43 | 72 | 34 | 26 | 24 | 17 | 11 | 20 | 248 | |
| Idaho | - | 32 | 50 | 11 | 5 | 2 | 1 | 0 | 0 | 101 | 454 | 632 | 267 | 138 | 60 | 29 | 16 | 15 | 1,611 | 142 | 234 | 452 | 257 | 153 | 82 | 41 | 20 | 31 | 1,271 | |
| Illinois | - | 21 | 10 | 9 | 6 | 3 | 1 | 0 | 1 | 52 | 699 | 774 | 365 | 237 | 140 | 76 | 46 | 60 | 2,397 | - | 2,003 | 1,262 | 645 | 414 | 252 | 104 | 76 | 49 | 4,806 | |
| Indiana | - | 63 | 38 | 14 | 13 | 12 | 4 | 1 | 1 | 146 | 36 | 849 | 677 | 219 | 104 | 55 | 23 | 10 | 7 | 1,943 | 605 | 459 | 711 | 272 | 107 | 45 | 23 | 8 | 6 | 1,630 |
| Iowa | - | - | - | - | - | - | - | - | - | - | 9 | 853 | 1,115 | 596 | 363 | 212 | 97 | 62 | 60 | 3,357 | 3,904 | - | - | - | - | - | - | - | - | - |
| Kansas | 0 | 191 | 153 | 25 | 10 | 3 | 2 | 0 | 0 | 384 | 1,497 | 826 | 158 | 64 | 32 | 16 | 8 | 10 | 2,611 | 3 | 1,937 | 1,666 | 282 | 152 | 91 | 49 | 26 | 42 | 2,424 | |
| Kentucky | - | 244 | 89 | 9 | 4 | 2 | 0 | 0 | 0 | 350 | 1 | 541 | 461 | 124 | 42 | 18 | 7 | 3 | 3 | 1,199 | 30 | 351 | 1,055 | 486 | 198 | 82 | 46 | 25 | 17 | 2,261 |
| Louisiana | - | 3 | 8 | 7 | 5 | 2 | 2 | 1 | 6 | 34 | 17 | 100 | 344 | 207 | 137 | 100 | 52 | 33 | 33 | 1,007 | 5 | 152 | 577 | 407 | 308 | 199 | 123 | 65 | 64 | 1,896 |
| Maine | 0 | 1 | 1 | 0 | - | - | - | - | 2 | 2 | 367 | 267 | 61 | 28 | 19 | 10 | 8 | 16 | 777 | 1 | 267 | 332 | 116 | 67 | 41 | 26 | 21 | 34 | 904 | |
| Maryland | 0 | 38 | 35 | 5 | 1 | 1 | 0 | 0 | 1 | 81 | 2 | 177 | 149 | 31 | 10 | 6 | 3 | 2 | 4 | 381 | 1 | 214 | 329 | 100 | 45 | 19 | 13 | 6 | 10 | 736 |
| Massachusetts | - | 3 | 0 | - | 0 | - | 0 | - | 0 | 3 | - | 35 | 45 | 10 | 4 | 2 | 1 | 0 | 0 | 97 | 0 | 55 | 121 | 41 | 34 | 27 | 9 | 6 | 4 | 297 |
| Michigan | 0 | 220 | 87 | 12 | 3 | 3 | 3 | 3 | 5 | 336 | 1 | 1,110 | 672 | 176 | 72 | 32 | 14 | 8 | 12 | 2,095 | 55 | 1,348 | 1,733 | 718 | 428 | 257 | 95 | 68 | 81 | 4,729 |
| Minnesota | - | 15 | 17 | 6 | 2 | 0 | 0 | 0 | 0 | 40 | - | 1,217 | 1,173 | 487 | 242 | 116 | 47 | 29 | 28 | 3,339 | - | 2,911 | 2,028 | 751 | 447 | 154 | 94 | 87 | 86 | 6,557 |
| Mississippi | - | - | - | - | - | - | - | - | - | - | 1 | 564 | 674 | 247 | 133 | 92 | 44 | 22 | 23 | 1,798 | - | 581 | 1,392 | 633 | 420 | 289 | 189 | 130 | 163 | 3,797 |
| Missouri | - | 631 | 353 | 70 | 28 | 10 | 4 | 2 | 1 | 1,100 | 0 | 727 | 718 | 242 | 100 | 44 | 18 | 9 | 8 | 1,867 | 3 | 270 | 1,264 | 1,054 | 737 | 348 | 182 | 69 | 71 | 3,996 |
| Montana | - | - | - | - | - | - | - | - | - | - | - | 728 | 1,170 | 469 | 215 | 106 | 40 | 25 | 30 | 2,783 | - | 469 | 1,252 | 527 | 293 | 167 | 88 | 28 | 47 | 2,872 |
| Nebraska | - | 68 | 152 | 63 | 29 | 11 | 5 | 1 | 1 | 331 | 1 | 789 | 969 | 284 | 120 | 62 | 29 | 15 | 19 | 2,288 | 27 | 1,920 | 1,270 | 391 | 241 | 141 | 85 | 41 | 33 | 4,122 |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | 951 | 392 | 105 | 43 | 17 | 7 | 2 | 3 | 1,519 | - | 114 | 346 | 176 | 55 | 17 | 6 | 4 | 2 | 721 |
| New Hampshire | - | 17 | 2 | 0 | - | - | - | - | - | 20 | - | 178 | 100 | 19 | 7 | 2 | 1 | 1 | 1 | 309 | - | 201 | 203 | 73 | 36 | 32 | 27 | 22 | 21 | 615 |
| New Jersey | - | 21 | 4 | 2 | 0 | - | - | - | - | 28 | - | 73 | 84 | 26 | 11 | 6 | 4 | 2 | 3 | 210 | 67 | 79 | 136 | 55 | 24 | 16 | 5 | 5 | 6 | 326 |
| New Mexico | 0 | - | - | - | - | - | - | - | - | - | 0 | 531 | 669 | 288 | 164 | 96 | 47 | 27 | 32 | 1,856 | 2 | 223 | 572 | 276 | 259 | 179 | 126 | 122 | 439 | 2,196 |
| New York | 0 | 23 | 77 | 31 | 20 | 14 | 7 | 3 | 2 | 178 | 177 | 319 | 1,097 | 344 | 164 | 88 | 38 | 26 | 22 | 2,099 | 2 | 389 | 1,440 | 550 | 235 | 130 | 65 | 31 | 59 | 2,900 |
| North Carolina | 6 | 259 | 187 | 34 | 17 | 8 | 5 | 2 | 3 | 515 | 9 | 426 | 907 | 362 | 145 | 51 | 20 | 11 | 11 | 1,933 | 78 | 137 | 1,341 | 904 | 534 | 281 | 129 | 92 | 128 | 3,545 |
| North Dakota | - | - | - | - | - | - | - | - | - | - | - | 1,287 | 1,163 | 284 | 116 | 44 | 18 | 11 | 19 | 2,942 | - | 632 | 1,244 | 377 | 153 | 60 | 26 | 17 | 31 | 2,543 |
| Ohio | 0 | 138 | 101 | 39 | 27 | 10 | 4 | 3 | 2 | 324 | 1 | 606 | 613 | 171 | 73 | 35 | 15 | 7 | 7 | 1,527 | 1 | 662 | 1,252 | 424 | 177 | 63 | 21 | 18 | 8 | 2,624 |
| Oklahoma | - | - | - | - | - | 0 | - | - | - | 0 | 66 | 551 | 840 | 367 | 184 | 103 | 53 | 35 | 50 | 2,183 | 86 | 351 | 1,040 | 476 | 282 | 172 | 116 | 69 | 56 | 2,562 |
| Oregon | - | 10 | 5 | 0 | 0 | - | - | - | - | 15 | 4 | 624 | 1,354 | 391 | 162 | 69 | 31 | 15 | 12 | 2,657 | 263 | 201 | 940 | 451 | 239 | 108 | 47 | 25 | 34 | 2,044 |
| Pennsylvania | - | 131 | 170 | 46 | 20 | 12 | 6 | 4 | 6 | 394 | - | 379 | 920 | 340 | 161 | 74 | 38 | 23 | 28 | 1,963 | 1 | 516 | 1,648 | 1,162 | 699 | 387 | 166 | 86 | 95 | 4,760 |
| Rhode Island | - | 6 | 3 | 0 | - | - | - | - | - | 9 | 1 | 15 | 22 | 8 | 11 | 10 | 9 | 5 | 5 | 85 | 1 | 8 | 12 | 7 | 6 | 8 | 7 | 5 | 5 | 57 |
| South Carolina | 1 | 12 | 10 | 2 | 1 | 1 | 1 | - | - | 26 | 4 | 287 | 678 | 233 | 114 | 53 | 23 | 10 | 9 | 1,408 | 6 | 174 | 1,158 | 637 | 414 | 200 | 114 | 62 | 80 | 2,839 |
| South Dakota | - | 140 | 108 | 27 | 11 | 3 | 1 | 0 | 0 | 291 | 3 | 904 | 1,078 | 343 | 142 | 61 | 23 | 16 | 22 | 2,588 | 103 | 950 | 980 | 439 | 282 | 119 | 55 | 20 | 11 | 2,857 |
| Tennessee | 3 | 16 | 14 | 4 | 2 | 1 | 0 | 0 | 0 | 37 | 264 | 780 | 633 | 185 | 93 | 50 | 28 | 16 | 24 | 1,810 | - | 322 | 526 | 169 | 72 | 46 | 15 | 15 | 13 | 1,178 |
| Texas | 36 | 25 | 55 | 21 | 6 | 4 | 1 | 1 | 0 | 113 | 32 | 3,003 | 3,401 | 1,343 | 641 | 275 | 110 | 55 | 45 | 8,873 | 17 | 1,863 | 3,690 | 2,016 | 1,301 | 603 | 205 | 70 | 102 | 9,849 |
| Utah | - | 0 | 3 | 3 | 1 | 1 | 0 | - | - | 8 | 10 | 302 | 517 | 201 | 94 | 41 | 14 | 5 | 3 | 1,177 | - | 164 | 527 | 256 | 147 | 73 | 35 | 14 | 10 | 1,226 |
| Vermont | - | - | 0 | 0 | 0 | 0 | - | 0 | - | 1 | 1 | 117 | 145 | 36 | 17 | 10 | 5 | 3 | 7 | 341 | - | - | - | - | - | - | - | - | - | - |
| Virginia | - | 23 | 31 | 5 | 2 | 0 | 0 | 0 | 0 | 62 | - | 250 | 777 | 307 | 133 | 56 | 21 | 12 | 9 | 1,565 | 31 | 117 | 1,491 | 1,053 | 596 | 206 | 71 | 26 | 16 | 3,487 |
| Washington | - | 167 | 217 | 124 | 50 | 18 | 9 | 10 | 14 | 610 | 10 | 234 | 528 | 264 | 133 | 69 | 31 | 17 | 16 | 1,291 | 9 | 215 | 603 | 429 | 292 | 189 | 112 | 64 | 88 | 1,991 |
| West Virginia | 2 | - | 0 | 0 | - | 0 | 0 | 0 | 0 | 1 | 1 | 108 | 492 | 229 | 134 | 73 | 37 | 21 | 23 | 1,118 | 0 | 10 | 403 | 363 | 300 | 195 | 85 | 49 | 62 | 1,466 |
| Wisconsin | - | 91 | 47 | 32 | 19 | 16 | 6 | 2 | 1 | 214 | 9 | 1,249 | 757 | 448 | 268 | 148 | 78 | 46 | 60 | 3,053 | - | 2,179 | 799 | 560 | 453 | 315 | 174 | 138 | 291 | 4,910 |
| Wyoming | - | - | - | - | - | - | - | - | - | - | 56 | 741 | 819 | 217 | 88 | 32 | 9 | 4 | 3 | 1,913 | - | 265 | 565 | 182 | 69 | 39 | 16 | 11 | 25 | 1,171 |
| U.S. Total | 48 | 2,897 | 2,306 | 694 | 321 | 151 | 72 | 39 | 51 | 6,532 | 1,298 | 30,481 | 35,235 | 12,652 | 6,227 | 3,145 | 1,438 | 835 | 1,008 | 91,020 | 7,304 | 26,350 | ##### | 21,999 | 13,272 | 7,085 | 3,686 | 2,187 | 3,253 | 122,989 |
| Puerto Rico | - | - | - | 0 | 0 | 0 | - | - | - | 0 | 0 | 0 | 8</ | | | | | | | | | | | | | | | | | |

FUNCTIONAL SYSTEM LENGTH - 2024
MILES BY MEASURED PAVEMENT ROUGHNESS - URBAN

TABLE HM-64
SHEET 3 OF 4

October 17, 2025

| STATE | INTERNATIONAL ROUGHNESS INDEX (IRI) (1) | | | | | | | | | |
|----------------------|---|-------|-------|--------|---------|---------|---------|---------|-------|-------------------|
| | INTERSTATE | | | | | | | | | TOTAL REPORTED |
| | NOT REPORTED (2) | < 60 | 60-94 | 95-119 | 120-144 | 145-170 | 171-194 | 195-220 | > 220 | |
| Alabama | 1 | 310 | 60 | 23 | 18 | 9 | 4 | 4 | 5 | 434 |
| Alaska | - | 30 | 35 | 10 | 4 | 2 | 1 | 1 | 0 | 82 |
| Arizona | 2 | 128 | 70 | 17 | 7 | 4 | 2 | 2 | 2 | 233 |
| Arkansas | - | 167 | 91 | 33 | 21 | 11 | 7 | 4 | 5 | 338 |
| California | 0 | 260 | 415 | 211 | 162 | 102 | 52 | 27 | 26 | 1,255 |
| Colorado | - | 62 | 131 | 55 | 38 | 23 | 11 | 5 | 7 | 333 |
| Connecticut | - | 146 | 117 | 29 | 13 | 6 | 2 | 1 | 2 | 317 |
| Delaware | 0 | 13 | 13 | 7 | 4 | 2 | 1 | 0 | 1 | 41 |
| District of Columbia | 1 | - | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 11 |
| Florida | - | 530 | 206 | 49 | 26 | 13 | 6 | 2 | 1 | 834 |
| Georgia | - | 370 | 130 | 51 | 24 | 14 | 6 | 2 | 1 | 598 |
| Hawaii | - | 5 | 13 | 9 | 7 | 7 | 5 | 2 | 1 | 49 |
| Idaho | 0 | 51 | 31 | 6 | 2 | 2 | 1 | 0 | 0 | 95 |
| Illinois | - | 400 | 337 | 91 | 52 | 31 | 19 | 12 | 16 | 958 |
| Indiana | 6 | 218 | 123 | 60 | 39 | 24 | 12 | 6 | 4 | 487 |
| Iowa | 1 | 47 | 83 | 30 | 17 | 8 | 4 | 2 | 1 | 191 |
| Kansas | 3 | 135 | 63 | 24 | 15 | 7 | 4 | 2 | 1 | 250 |
| Kentucky | 2 | 137 | 57 | 23 | 15 | 10 | 7 | 2 | 3 | 253 |
| Louisiana | 3 | 128 | 87 | 52 | 50 | 44 | 25 | 13 | 14 | 414 |
| Maine | 0 | 75 | 26 | 5 | 2 | 1 | 0 | - | 0 | 109 |
| Maryland | 0 | 132 | 136 | 34 | 18 | 12 | 7 | 6 | 12 | 358 |
| Massachusetts | - | 367 | 74 | 25 | 18 | 13 | 6 | 4 | 6 | 513 |
| Michigan | 1 | 250 | 260 | 69 | 45 | 26 | 16 | 11 | 15 | 694 |
| Minnesota | - | 124 | 144 | 40 | 19 | 11 | 3 | 2 | 1 | 344 |
| Mississippi | - | 159 | 52 | 15 | 14 | 11 | 6 | 4 | 4 | 264 |
| Missouri | 0 | 293 | 142 | 42 | 27 | 21 | 9 | 6 | 5 | 544 |
| Montana | - | 54 | 24 | 4 | 3 | 1 | 0 | 0 | 1 | 87 |
| Nebraska | - | 17 | 36 | 14 | 5 | 2 | 1 | 0 | 0 | 73 |
| Nevada | - | 109 | 35 | 15 | 12 | 5 | 2 | 0 | 0 | 179 |
| New Hampshire | - | 80 | 14 | 2 | 0 | 0 | - | - | - | 96 |
| New Jersey | - | 171 | 129 | 32 | 19 | 14 | 8 | 5 | 8 | 387 |
| New Mexico | - | 85 | 48 | 13 | 9 | 9 | 5 | 3 | 3 | 174 |
| New York | 42 | 237 | 345 | 121 | 75 | 50 | 33 | 21 | 40 | 921 |
| North Carolina | 0 | 342 | 188 | 45 | 23 | 11 | 7 | 5 | 5 | 625 |
| North Dakota | - | 22 | 32 | 8 | 3 | 1 | 0 | - | - | 66 |
| Ohio | 1 | 471 | 291 | 81 | 51 | 30 | 15 | 8 | 9 | 957 |
| Oklahoma | 9 | 94 | 116 | 44 | 23 | 15 | 7 | 4 | 4 | 308 |
| Oregon | - | 121 | 67 | 14 | 9 | 4 | 3 | 1 | 1 | 220 |
| Pennsylvania | - | 305 | 217 | 73 | 39 | 27 | 15 | 11 | 19 | 708 |
| Rhode Island | - | 42 | 8 | 3 | 2 | 0 | 0 | 0 | 0 | 55 |
| South Carolina | 6 | 218 | 100 | 24 | 20 | 10 | 5 | 3 | 2 | 382 |
| South Dakota | - | 20 | 50 | 10 | 4 | 2 | 1 | 1 | - | 88 |
| Tennessee | 0 | 389 | 80 | 23 | 13 | 6 | 3 | 2 | 4 | 521 |
| Texas | 11 | 359 | 580 | 248 | 156 | 89 | 39 | 20 | 11 | 1,500 |
| Utah | - | 76 | 107 | 40 | 19 | 14 | 5 | 1 | 0 | 263 |
| Vermont | - | 29 | 15 | 5 | 3 | 0 | 0 | 0 | 0 | 52 |
| Virginia | - | 216 | 257 | 67 | 31 | 19 | 12 | 8 | 7 | 617 |
| Washington | - | 135 | 122 | 47 | 23 | 13 | 6 | 4 | 6 | 356 |
| West Virginia | 0 | 67 | 73 | 17 | 12 | 8 | 4 | 2 | 1 | 185 |
| Wisconsin | - | 98 | 125 | 58 | 38 | 22 | 7 | 3 | 2 | 353 |
| Wyoming | - | 42 | 32 | 11 | 7 | 6 | 4 | 2 | 2 | 106 |
| U.S. Total | 91 | 8,338 | 5,992 | 2,033 | 1,258 | 771 | 398 | 226 | 263 | 19,278 |
| Puerto Rico | 2 | 7 | 51 | 41 | 29 | 27 | 20 | 14 | 33 | 222 |
| Grand Total | 92 | 8,345 | 6,043 | 2,074 | 1,287 | 798 | 418 | 240 | 296 | 19,500 |

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2024
MILES BY MEASURED PAVEMENT ROUGHNESS - URBAN

October 17, 2025

TABLE HM-64
 SHEET 4 OF 4

| STATE | INTERNATIONAL ROUGHNESS INDEX (IRI) (1) | | | | | | | | | | | | | | | | | | | |
|----------------------|---|-------|-------|--------|---------|---------|---------|---------|-------|----------------|--------------------------|-------|--------|--------|---------|---------|---------|---------|-------|----------------|
| | OTHER FREEWAYS AND EXPRESSWAYS | | | | | | | | | | OTHER PRINCIPAL ARTERIAL | | | | | | | | | |
| | NOT REPORTED (2) | < 60 | 60-94 | 95-119 | 120-144 | 145-170 | 171-194 | 195-220 | > 220 | TOTAL REPORTED | NOT REPORTED (2) | < 60 | 60-94 | 95-119 | 120-144 | 145-170 | 171-194 | 195-220 | > 220 | TOTAL REPORTED |
| Alabama | 0 | 14 | 18 | 6 | 3 | 2 | 1 | 0 | 0 | 44 | 18 | 462 | 466 | 147 | 77 | 46 | 25 | 14 | 23 | 1,262 |
| Alaska | - | - | - | - | - | - | - | - | - | - | 0 | 22 | 46 | 27 | 18 | 11 | 6 | 4 | 9 | 142 |
| Arizona | 8 | 123 | 72 | 23 | 15 | 7 | 2 | 2 | 1 | 245 | 186 | 50 | 146 | 121 | 114 | 84 | 55 | 39 | 55 | 666 |
| Arkansas | 4 | 18 | 42 | 15 | 7 | 4 | 2 | 2 | 2 | 92 | 71 | 110 | 215 | 90 | 55 | 43 | 24 | 17 | 53 | 606 |
| California | 6 | 260 | 479 | 268 | 197 | 124 | 60 | 36 | 46 | 1,471 | 357 | 142 | 491 | 590 | 767 | 868 | 746 | 695 | 2,034 | 6,334 |
| Colorado | - | 50 | 122 | 53 | 39 | 25 | 11 | 8 | 15 | 323 | - | 63 | 261 | 202 | 180 | 126 | 84 | 63 | 142 | 1,121 |
| Connecticut | 0 | 85 | 103 | 31 | 15 | 6 | 3 | 1 | 2 | 246 | 1 | 22 | 194 | 156 | 122 | 76 | 48 | 32 | 61 | 711 |
| Delaware | 0 | 6 | 23 | 7 | 3 | 1 | 0 | 0 | 0 | 40 | 15 | 28 | 87 | 33 | 19 | 10 | 8 | 5 | 11 | 202 |
| District of Columbia | 2 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 15 | 2 | 0 | 0 | 0 | 3 | 7 | 8 | 12 | 73 | 104 |
| Florida | 26 | 349 | 208 | 51 | 29 | 14 | 6 | 3 | 3 | 664 | 221 | 1,037 | 1,603 | 629 | 325 | 177 | 93 | 58 | 100 | 4,022 |
| Georgia | - | 81 | 44 | 22 | 14 | 8 | 3 | 1 | 1 | 175 | - | 533 | 818 | 295 | 158 | 79 | 42 | 27 | 35 | 1,987 |
| Hawaii | 0 | 2 | 9 | 5 | 4 | 4 | 3 | 2 | 4 | 34 | 2 | 29 | 68 | 41 | 32 | 33 | 22 | 14 | 37 | 277 |
| Idaho | 0 | 15 | 12 | 5 | 2 | 1 | 1 | 1 | 1 | 39 | 77 | 45 | 116 | 52 | 36 | 27 | 17 | 13 | 44 | 351 |
| Illinois | - | 36 | 27 | 15 | 12 | 9 | 6 | 4 | 5 | 114 | 3 | 300 | 661 | 495 | 407 | 300 | 199 | 149 | 330 | 2,841 |
| Indiana | 21 | 46 | 41 | 20 | 14 | 7 | 4 | 2 | 1 | 135 | 644 | 266 | 359 | 163 | 96 | 71 | 39 | 26 | 30 | 1,050 |
| Iowa | - | - | - | - | - | - | - | - | - | - | 14 | 101 | 233 | 198 | 147 | 103 | 59 | 44 | 87 | 973 |
| Kansas | 4 | 88 | 69 | 24 | 14 | 7 | 4 | 2 | 2 | 209 | 14 | 68 | 78 | 40 | 32 | 25 | 18 | 13 | 20 | 294 |
| Kentucky | 0 | 21 | 14 | 11 | 6 | 3 | 2 | 1 | 1 | 58 | 34 | 170 | 240 | 104 | 56 | 34 | 19 | 14 | 21 | 659 |
| Louisiana | 1 | 9 | 14 | 11 | 24 | 22 | 12 | 8 | 17 | 116 | 68 | 99 | 190 | 137 | 114 | 104 | 81 | 68 | 160 | 954 |
| Maine | 0 | 8 | 5 | 2 | 1 | 0 | 1 | 0 | 0 | 17 | 3 | 32 | 36 | 15 | 11 | 12 | 7 | 4 | 13 | 128 |
| Maryland | 0 | 96 | 117 | 27 | 13 | 9 | 6 | 4 | 7 | 279 | 5 | 117 | 254 | 123 | 92 | 73 | 56 | 50 | 174 | 938 |
| Massachusetts | 21 | 194 | 67 | 17 | 10 | 8 | 5 | 3 | 5 | 309 | 49 | 81 | 302 | 283 | 265 | 261 | 186 | 152 | 395 | 1,925 |
| Michigan | 0 | 129 | 140 | 44 | 22 | 10 | 5 | 4 | 7 | 362 | 473 | 203 | 434 | 347 | 272 | 203 | 136 | 110 | 221 | 1,926 |
| Minnesota | - | 72 | 85 | 40 | 22 | 10 | 3 | 1 | 1 | 234 | 2 | 210 | 234 | 104 | 63 | 34 | 14 | 10 | 12 | 681 |
| Mississippi | - | 19 | 23 | 12 | 4 | 4 | 1 | 1 | 1 | 66 | 1 | 141 | 268 | 148 | 113 | 81 | 52 | 38 | 101 | 943 |
| Missouri | 0 | 189 | 174 | 65 | 37 | 27 | 12 | 6 | 9 | 518 | 4 | 139 | 251 | 147 | 108 | 78 | 53 | 44 | 74 | 894 |
| Montana | - | - | - | - | - | - | - | - | - | - | - | 33 | 67 | 40 | 28 | 24 | 15 | 14 | 27 | 247 |
| Nebraska | 0 | 20 | 61 | 25 | 14 | 10 | 5 | 4 | 5 | 145 | 13 | 11 | 45 | 39 | 37 | 39 | 31 | 27 | 83 | 312 |
| Nevada | - | 16 | 8 | 6 | 5 | 2 | 1 | 0 | 1 | 39 | 0 | 110 | 99 | 60 | 36 | 29 | 13 | 12 | 18 | 378 |
| New Hampshire | - | 46 | 10 | 3 | 1 | 1 | 0 | 0 | - | 61 | 0 | 73 | 83 | 30 | 19 | 15 | 8 | 4 | 11 | 244 |
| New Jersey | - | 261 | 113 | 33 | 20 | 14 | 9 | 5 | 7 | 460 | 0 | 166 | 442 | 236 | 197 | 181 | 129 | 112 | 285 | 1,749 |
| New Mexico | - | 0 | 1 | 2 | 3 | 3 | 2 | 0 | 0 | 12 | 2 | 95 | 166 | 111 | 97 | 82 | 55 | 43 | 114 | 762 |
| New York | 50 | 68 | 235 | 141 | 96 | 76 | 57 | 48 | 80 | 802 | 232 | 94 | 648 | 479 | 379 | 294 | 208 | 196 | 755 | 3,054 |
| North Carolina | 16 | 110 | 132 | 36 | 16 | 9 | 4 | 4 | 3 | 313 | 8 | 92 | 460 | 404 | 304 | 182 | 95 | 65 | 88 | 1,690 |
| North Dakota | - | - | - | - | - | - | - | - | - | - | 7 | 31 | 61 | 36 | 27 | 17 | 13 | 9 | 16 | 210 |
| Ohio | 3 | 200 | 238 | 67 | 41 | 25 | 13 | 6 | 6 | 597 | 13 | 229 | 617 | 401 | 323 | 259 | 178 | 133 | 319 | 2,459 |
| Oklahoma | 12 | 26 | 71 | 30 | 20 | 13 | 7 | 5 | 4 | 176 | 455 | 63 | 204 | 135 | 96 | 69 | 39 | 38 | 75 | 719 |
| Oregon | - | 33 | 26 | 10 | 4 | 2 | 2 | 1 | 0 | 77 | 34 | 95 | 219 | 142 | 119 | 82 | 53 | 39 | 82 | 831 |
| Pennsylvania | 0 | 128 | 189 | 95 | 50 | 31 | 17 | 11 | 18 | 540 | 0 | 143 | 541 | 463 | 421 | 336 | 225 | 171 | 367 | 2,668 |
| Rhode Island | 0 | 29 | 28 | 10 | 7 | 4 | 2 | 1 | 2 | 83 | 13 | 17 | 37 | 31 | 45 | 49 | 36 | 37 | 89 | 340 |
| South Carolina | 2 | 42 | 34 | 11 | 7 | 3 | 1 | 1 | 0 | 100 | 13 | 147 | 436 | 234 | 159 | 99 | 53 | 29 | 34 | 1,192 |
| South Dakota | 7 | 1 | 6 | 4 | 3 | 1 | 1 | 0 | 0 | 15 | 3 | 13 | 31 | 21 | 19 | 17 | 11 | 9 | 10 | 131 |
| Tennessee | 26 | 75 | 34 | 11 | 8 | 4 | 2 | 2 | 3 | 139 | 286 | 428 | 545 | 207 | 124 | 81 | 46 | 30 | 55 | 1,516 |
| Texas | 41 | 259 | 527 | 281 | 185 | 105 | 44 | 21 | 14 | 1,437 | 104 | 571 | 1,497 | 970 | 698 | 547 | 361 | 289 | 742 | 5,676 |
| Utah | - | 21 | 24 | 9 | 4 | 1 | 1 | 0 | 0 | 61 | 29 | 135 | 252 | 118 | 65 | 43 | 22 | 12 | 19 | 666 |
| Vermont | 0 | 4 | 6 | 3 | 1 | 1 | - | 0 | 0 | 14 | 4 | 18 | 32 | 20 | 13 | 8 | 7 | 5 | 11 | 112 |
| Virginia | - | 77 | 199 | 61 | 29 | 15 | 7 | 4 | 4 | 395 | 0 | 67 | 380 | 288 | 233 | 186 | 110 | 78 | 89 | 1,431 |
| Washington | 1 | 139 | 177 | 51 | 29 | 16 | 9 | 6 | 7 | 434 | 34 | 49 | 236 | 226 | 209 | 182 | 130 | 105 | 283 | 1,421 |
| West Virginia | 0 | 0 | 4 | 3 | 2 | 1 | 1 | 1 | 0 | 13 | 2 | 20 | 120 | 68 | 43 | 30 | 17 | 12 | 20 | 331 |
| Wisconsin | 0 | 71 | 95 | 62 | 37 | 28 | 12 | 5 | 3 | 314 | 24 | 137 | 232 | 234 | 250 | 241 | 177 | 149 | 352 | 1,772 |
| Wyoming | - | 2 | 0 | 0 | 0 | - | 0 | 0 | - | 3 | 41 | 41 | 59 | 27 | 19 | 15 | 10 | 6 | 15 | 190 |
| U.S. Total | 254 | 3,540 | 4,124 | 1,732 | 1,093 | 679 | 355 | 220 | 293 | 12,035 | 3,582 | 7,347 | 15,557 | 9,711 | 7,645 | 6,075 | 4,143 | 3,337 | 8,275 | 62,089 |
| Puerto Rico | 1 | 2 | 12 | 9 | 6 | 6 | 4 | 4 | 11 | 53 | 9 | 0 | 9 | 24 | 43 | 52 | 49 | 48 | 133 | 358 |
| Grand Total | 255 | 3,543 | 4,136 | 1,741 | 1,099 | 685 | 359 | 223 | 304 | 12,088 | 3,591 | 7,347 | 15,566 | 9,735 | 7,688 | 6,127 | 4,192 | 3,385 | 8,408 | 62,447 |

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2024

MILES BY MEASURED PAVEMENT ROUGHNESS

HM-64 Footnotes Page:

- (1) Data are reported as the International Roughness Index (IRI) in inches per mile. Reference: World Bank Technical Paper Number 46, 1986. Lower IRI represents smoother riding roadways; to obtain a comprehensive assessment of pavement condition, additional measures of pavement distress are needed. Includes structures.
- (2) Includes unpaved miles and bridges.
- (3) Estimated from sample data.