# Table F1. Electric Vehicle Charging Infrastructure

(Number)

| | Locations[a] | | | | | | | Ports | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | With Public Ports Only | With Private Ports Only | With Public and Private Ports | With Networked Ports Only[b] | With Non-Networked Ports Only[c] | With Networked and Non-Networked Ports | Total | DC[d] Fast-Charging Ports | Level 2 Charging Ports | Level 1 Charging Ports | Legacy Charging Ports | Total | DC[d] Fast-Charging Ports per Location[e] | Level 2 Charging Ports per Location[f] |
| **2015 Year** | **12,189** | **1,217** | **1,426** | **9,513** | **4,483** | **836** | **14,832** | **6,802** | **43,657** | **4,168** | **597** | **55,224** | **3.23** | **3.23** |
| **2016 Year** | **15,990** | **1,716** | **1,472** | **12,671** | **4,988** | **1,519** | **19,178** | **10,606** | **58,501** | **4,042** | **362** | **73,511** | **3.57** | **3.40** |
| **2017 Year** | **19,619** | **1,779** | **1,384** | **15,553** | **5,183** | **2,046** | **22,782** | **12,271** | **72,635** | **3,721** | **453** | **89,080** | **3.77** | **3.52** |
| **2018 Year** | **21,791** | **1,841** | **1,362** | **17,024** | **5,349** | **2,621** | **24,994** | **11,429** | **80,454** | **2,857** | **108** | **94,848** | **3.94** | **3.49** |
| **2019 Year** | **24,169** | **2,136** | **1,224** | **19,006** | **5,917** | **2,606** | **27,529** | **14,531** | **88,600** | **2,982** | **92** | **106,205** | **3.97** | **3.54** |
| **2020 Year** | **28,159** | **1,837** | **1,140** | **22,313** | **6,199** | **2,624** | **31,136** | **18,870** | **100,375** | **2,708** | **61** | **122,014** | **4.20** | **3.59** |
| **2021** January | 38,358 | 2,270 | 1,139 | 32,444 | 6,684 | 2,639 | 41,767 | 18,497 | 104,300 | 3,415 | 58 | 126,270 | 3.67 | 2.77 |
| February | 38,936 | 2,286 | 1,139 | 32,926 | 6,796 | 2,639 | 42,361 | 19,079 | 105,338 | 3,413 | 58 | 127,888 | 3.71 | 2.76 |
| March | 39,369 | 2,255 | 1,141 | 33,282 | 6,843 | 2,640 | 42,765 | 19,490 | 106,022 | 3,406 | 58 | 128,976 | 3.74 | 2.75 |
| April | 40,058 | 2,246 | 1,145 | 33,964 | 6,846 | 2,639 | 43,449 | 19,899 | 107,645 | 3,389 | 58 | 130,991 | 3.76 | 2.75 |
| May | 40,842 | 2,263 | 1,156 | 34,755 | 6,864 | 2,642 | 44,261 | 20,657 | 109,541 | 3,389 | 58 | 133,645 | 3.83 | 2.75 |
| June | 41,330 | 2,248 | 1,152 | 35,251 | 6,839 | 2,640 | 44,730 | 20,903 | 110,440 | 3,329 | 58 | 134,730 | 3.83 | 2.74 |
| July | 41,881 | 2,253 | 1,156 | 35,804 | 6,846 | 2,640 | 45,290 | 21,395 | 111,696 | 3,328 | 57 | 136,476 | 3.85 | 2.74 |
| August | 42,321 | 2,250 | 1,161 | 36,242 | 6,848 | 2,642 | 45,732 | 21,723 | 112,872 | 3,288 | 57 | 137,940 | 3.86 | 2.74 |
| September | 42,776 | 2,365 | 1,156 | 36,656 | 6,999 | 2,642 | 46,297 | 22,189 | 112,440 | 3,536 | 57 | 138,222 | 3.88 | 2.71 |
| October | 43,628 | 2,360 | 1,157 | 37,348 | 7,148 | 2,649 | 47,145 | 24,381 | 114,656 | 3,533 | 57 | 142,627 | 4.17 | 2.72 |
| November | 44,210 | 2,345 | 1,154 | 37,910 | 7,153 | 2,646 | 47,709 | 23,451 | 115,335 | 3,526 | 56 | 142,368 | 3.98 | 2.70 |
| **December** | **45,139** | **2,344** | **1,156** | **38,839** | **7,157** | **2,643** | **48,639** | **23,982** | **117,316** | **3,521** | **56** | **144,875** | 3.99 | 2.70 |
| **2022** January | 45,226 | 2,342 | 1,149 | 41,289 | 7,216 | 212 | 48,717 | 24,222 | 117,445 | 3,384 | 53 | 145,104 | 4.00 | 2.70 |
| February | 44,788 | 2,346 | 1,149 | 40,779 | 7,304 | 200 | 48,283 | 24,704 | 116,401 | 3,380 | 51 | 144,536 | 4.03 | 2.70 |
| March | 45,160 | 2,348 | 1,153 | 41,116 | 7,343 | 202 | 48,661 | 25,240 | 117,513 | 3,285 | 51 | 146,089 | 4.06 | 2.71 |
| April | 45,936 | 2,365 | 1,163 | 41,871 | 7,390 | 203 | 49,464 | 25,736 | 119,698 | 3,155 | 51 | 148,640 | 4.07 | 2.71 |
| May | 46,899 | 2,367 | 1,172 | 42,578 | 7,655 | 205 | 50,438 | 26,432 | 121,988 | 3,157 | 51 | 151,628 | 4.11 | 2.71 |
| June | 47,661 | 2,355 | 1,180 | 43,294 | 7,694 | 208 | 51,196 | 27,005 | 123,667 | 3,154 | 51 | 153,877 | 4.17 | 2.70 |
| July | 48,407 | 2,357 | 1,184 | 44,013 | 7,714 | 221 | 51,948 | 27,551 | 125,058 | 3,122 | 46 | 155,777 | 4.18 | 2.70 |
| August | 49,318 | 2,361 | 1,189 | 44,814 | 7,820 | 234 | 52,868 | 28,018 | 126,710 | 3,088 | 46 | 157,862 | 4.18 | 2.68 |
| September | 49,406 | 2,445 | 1,192 | 44,941 | 7,872 | 230 | 53,043 | 26,817 | 128,377 | 3,034 | 45 | 158,273 | 3.97 | 2.71 |
| October | 49,877 | 2,474 | 1,187 | 45,360 | 7,947 | 231 | 53,538 | 27,429 | 128,836 | 3,028 | 45 | 159,338 | 3.99 | 2.70 |
| November | 50,323 | 2,482 | 1,184 | 45,805 | 7,964 | 220 | 53,989 | 27,801 | 129,982 | 3,027 | 45 | 160,855 | 4.01 | 2.70 |
| **December** | **51,306** | **2,533** | **1,176** | **46,823** | **7,980** | **212** | **55,015** | **29,023** | **131,850** | **3,135** | **45** | **164,053** | **4.09** | 2.69 |
| **2023** January | 51,563 | 2,498 | 1,163 | 47,154 | 7,870 | 200 | 55,224 | 29,446 | 130,507 | 3,095 | 39 | 163,087 | 4.08 | 2.66 |
| February | 52,401 | 2,452 | 924 | 47,760 | 7,824 | 193 | 55,777 | 29,959 | 130,328 | 3,043 | 36 | 163,366 | 4.08 | 2.64 |
| March | 53,204 | 2,475 | 923 | 48,499 | 7,920 | 183 | 56,602 | 30,964 | 131,919 | 3,040 | 35 | 165,958 | 4.13 | 2.63 |
| April | 53,790 | 2,518 | 912 | 49,103 | 7,939 | 178 | 57,220 | 31,455 | 133,090 | 3,033 | 34 | 167,612 | 4.11 | 2.63 |
| May | 54,440 | 2,519 | 913 | 49,746 | 7,951 | 175 | 57,872 | 32,075 | 134,703 | 3,040 | 33 | 169,851 | 4.11 | 2.64 |
| June | 55,133 | 2,530 | 903 | 50,432 | 7,973 | 161 | 58,566 | 33,081 | 134,945 | 3,022 | 30 | 171,078 | 4.15 | 2.61 |
| July | 55,633 | 2,525 | 899 | 50,942 | 7,957 | 158 | 59,057 | 33,809 | 135,520 | 3,134 | 29 | 172,492 | 4.16 | 2.61 |
| August | 56,094 | 2,516 | 891 | 51,487 | 7,904 | 110 | 59,501 | 34,340 | 136,449 | 3,129 | 29 | 173,947 | 4.17 | 2.61 |
| September | 55,951 | 2,513 | 891 | 51,344 | 7,902 | 109 | 59,355 | 34,967 | 130,206 | 3,129 | 29 | 168,331 | 4.17 | 2.51 |
| October | 56,798 | 2,513 | 894 | 52,193 | 7,903 | 109 | 60,205 | 35,641 | 131,955 | 3,137 | 29 | 170,762 | 4.18 | 2.50 |
| November | 57,623 | 2,601 | 897 | 53,048 | 7,967 | 106 | 61,121 | 36,969 | 134,075 | 3,139 | 29 | 174,212 | 4.23 | 2.51 |
| **December** | R **58,153** | **2,617** | **897** | R **53,561** | **8,004** | **102** | R **61,667** | R **37,977** | R **135,505** | **2,970** | **29** | R **176,481** | R **4.25** | R **2.52** |
| **2024** January | 58,564 | 2,674 | 865 | 53,999 | 8,004 | 100 | 62,103 | 39,059 | 136,943 | 2,932 | 29 | 178,963 | 4.26 | 2.54 |

[a] Includes all of the electric vehicle charging ports located at a single location regardless of who is able to access the ports, what charging network they belong to, or the level of charging. Ports are determined to be at the same location based on latitude, longitude, and AFDC equipment ID number. Does not include data on charging infrastructure at single-family residential locations.

[b] Networked ports are connected to the internet, can communicate with their EV service provider, have a dedicated platform that allows users to find the chargers, and pay to charge. The service provider can manage who can access the port and the cost of charging. The charging infrastructure may also be able to communicate directly with drivers, other charging infrastructure, and utilities.

[c] Non-networked ports are not connected to the internet and provide only basic charging capabilities.

[d] Direct current.

[e] Calculated as the total number of DC fast charging ports divided by the total number of locations with DC fast charging ports (available in the microdata file). Includes only locations with DC fast charging ports.

[f] Calculated as the total number of Level 2 charging ports divided by the total number of locations with Level 2 charging ports (available in the microdata file). Includes only locations with Level 2 charging ports.

R=Revised.

Notes: • See "Appendix F Methodology and Sources" and end of section. • See "Electric Vehicle" in Glossary. • Data are at end of period. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#appendices (Excel and CSV files) for all available national and state annual and monthly data beginning in June 2015 and monthly microdata file.

Sources: See end of section.