

Country-wise Installed Wind Power Capacity

[Go back to Home Page](#)

The table below provides end-of-year installed wind power capacity (in megawatts) for the countries of the world for the years 2002 through 2010. The data source for the 2002 through 2010 figures is the World Wind Energy Association:

| Country-wise Installed Wind Power Capacity (MW) 2002-2010 (Source: World Wind Energy Association) | | | | | | | | | | | | |
|---|----------------|-------|---------|---------|---------|--------|---------|---------|-------|-------|------------------|-------------------|
| Rank | Nation | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Last Yr % growth | 5 Yr avg % growth |
| 1 | China | 468 | 567 | 764 | 1266 | 2599 | 5912 | 12210 | 25777 | 42287 | 64.0 | 84.8 |
| 2 | United States | 4685 | 6370 | 6725 | 9149 | 11603 | 16818.8 | 25170 | 35159 | 40180 | 15.2 | 31.6 |
| 3 | Germany | 12001 | 14609.1 | 16628.8 | 18427.5 | 20622 | 22247.4 | 23902.8 | 25777 | 27214 | 5.6 | 10.3 |
| 4 | Spain | 4830 | 6202 | 8263 | 10027.9 | 11630 | 15145.1 | 16740.3 | 19149 | 20676 | 7.4 | 43.8 |
| 5 | India | 1702 | 2110 | 3000 | 4430 | 6270 | 7850 | 9587 | 10925 | 13065 | 16.3 | 35.4 |
| 6 | Italy | 785 | 904 | 1265 | 1718.3 | 2123.4 | 2726.1 | 3736 | 4850 | 5797 | 16.3 | 63.4 |
| 7 | France | 148 | 248 | 386 | 757.2 | 1567 | 2455 | 3404 | 4521 | 5660 | 20.1 | 68.9 |
| 8 | United Kingdom | 552 | 648 | 888 | 1353 | 1962.9 | 2389 | 3287.9 | 4092 | 5200 | 19.4 | 38.4 |
| 9 | Canada | 236 | 322 | 444 | 683 | 1460 | 1846 | 2369 | 3319 | 4009 | 40.1 | 49.1 |
| 10 | Denmark | 2880 | 3110 | 3124 | 3128 | 3136 | 3125 | 3160 | 3497 | 3752 | 6.8 | 0.3 |
| 11 | Portugal | 194 | 299 | 522 | 1022 | 1716 | 2130 | 2862 | 3535 | 3702 | 23.5 | 57.1 |
| 12 | Netherlands | 682 | 908 | 1078 | 1224 | 1559 | 1747 | 2225 | 2229 | 2237 | 0.2 | 19.6 |
| 13 | Sweden | 345 | 404 | 452 | 509.1 | 571.2 | 831 | 1066.9 | 1579 | 2163 | 48.0 | 21.4 |
| 14 | Japan | 334 | 506 | 896.2 | 1040 | 1309 | 1528 | 1880 | 2056 | 2304 | 9.4 | 30.0 |
| 15 | Australia | 103 | 197.2 | 379 | 579 | 817.3 | 817.3 | 1494 | 1877 | 1880 | 25.6 | 49.9 |
| 16 | Ireland | 137 | 186 | 338.9 | 495.2 | 746 | 805 | 1244.7 | 1260 | 1428 | 22.7 | 46.3 |
| 17 | Turkey | 19.4 | 20.6 | 20.6 | 20.1 | 64.6 | 206.8 | 333.4 | 796.5 | 1329 | 76.0 | 74.5 |
| 18 | Greece | 276 | 365 | 473 | 573.3 | 757.6 | 873.3 | 989.7 | 1109 | 1208 | 12.0 | 22.1 |
| 19 | Poland | 28.2 | 58.2 | 58.2 | 73 | 153 | 276 | 544 | 725 | 1107 | 41.1 | 52.0 |
| 20 | Austria | 139.3 | 415 | 606 | 819 | 964.5 | 981.5 | 994.9 | 995 | 1011 | 0.0 | 19.1 |
| 21 | Brazil | 22 | 23.8 | 23.8 | 28.6 | 236.9 | 247.1 | 338.5 | 606 | 931 | 77.3 | 70.1 |
| 22 | Belgium | 44 | 68 | 95 | 167.4 | 194.3 | 286.9 | 383.6 | 555 | 911 | 44.6 | 41.3 |
| 23 | Egypt | 69 | 180 | 145 | 145 | 230 | 310 | 390 | 430 | 550 | 10.3 | 16.7 |
| 24 | Taiwan | 0 | 0 | 13 | 103.7 | 187.7 | 279.9 | 358.2 | 436 | 519 | 21.8 | 129.0 |
| 25 | Mexico | 0 | 0 | 2.2 | 2.2 | 84 | 85 | 85 | 402 | 517 | 28.0 | - |
| 26 | New Zealand | 35 | 36.3 | 168.1 | 168.2 | 171 | 321.8 | 325.3 | 497 | 506 | 52.9 | 55.1 |
| 27 | Romania | 0 | 0 | 0 | 0.9 | 2.8 | 7.8 | 7 | 14 | 462 | 100.0 | 138.0 |
| 28 | Norway | 97.3 | 100 | 270 | 268 | 325 | 333 | 428 | 431 | 441 | 0.5 | 33.7 |
| 29 | Bulgaria | 0 | 10 | 10 | 14 | 36 | 57 | 120 | 177 | 375 | 36.0 | 73.6 |
| 30 | South Korea | 16 | 18.7 | 22.5 | 119.1 | 176.3 | 192.1 | 278 | 364.4 | 379 | 31.1 | 71.6 |
| 31 | Hungary | 1.2 | 2 | 3.5 | 17.5 | 60.9 | 65 | 127 | 201 | 295 | 58.3 | 129.4 |
| 32 | Morocco | 53.9 | 53.9 | 53.9 | 64 | 64 | 125.2 | 125.2 | 253 | 286 | 13.2 | 18.4 |
| 33 | Czech Republic | 3 | 10 | 16.5 | 29.5 | 56.5 | 116 | 150 | 191 | 215 | 27.3 | 71.9 |
| 34 | Finland | 41 | 51 | 82 | 82 | 86 | 110 | 140 | 147 | 197 | 2.8 | 22.4 |

| | | | | | | | | | | | | |
|----|-----------------------|--------------|--------------|--------------|----------------|----------------|----------------|-----------------|-----------------|---------------|-------------|-------------|
| 75 | Kazakhstan | 0 | 0 | 0 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | - | 0.0 | - |
| 75 | Namibia | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0.5 | 0.5 | - | 0.0 | - |
| 75 | Syria | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | - | 22.5 | - |
| 78 | Dominican Republic | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.2 | - | 0.0 | - |
| 78 | Dominica | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.2 | - | 0.0 | - |
| 78 | North Korea | 0 | 0 | 0 | 0.01 | 0.01 | 0.01 | 0.2 | 0.2 | - | 0.0 | - |
| 81 | Algeria | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | - | 0.0 | - |
| 81 | Bolivia | 0 | 0 | 0 | 0 | 0.01 | 0.01 | 0.01 | 0.01 | - | 0.0 | - |
| | World | 31180 | 39295 | 47693 | 59024.1 | 74122.8 | 93930.4 | 120902.9 | 159213.3 | 194390 | 31.7 | 25.3 |
| | European Union | 23159 | 28599 | 34383 | 40722 | 48122 | 56614 | 65255 | 74767 | 84074 | 11.1 | 42.8 |

[Go back to Home Page](#)