

日本における太陽電池出荷量の推移

(単位:kW)

| 年 度 | | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | |
|-------------|-------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------|
| 総出荷量 | | 1,024 | 2,123 | 4,826 | 6,918 | 9,520 | 11,140 | 10,725 | 10,101 | 12,252 | 14,570 | 17,827 | 17,196 | 14,972 | 16,311 | 19,198 | |
| 種類別 | Si単結晶 | 318 | 352 | 910 | 1,217 | 2,226 | 2,146 | 2,240 | 1,709 | 1,900 | 2,168 | 2,466 | 2,635 | 2,211 | 3,939 | 6,764 | |
| | Si多結晶 | - | 188 | 332 | 820 | 1,100 | 1,250 | 861 | 855 | 1,950 | 3,035 | 6,649 | 6,274 | 6,251 | 6,091 | 6,802 | |
| | Si 薄膜 | 646 | 1,567 | 3,538 | 4,771 | 6,089 | 7,624 | 7,503 | 7,408 | 8,182 | 9,036 | 8,007 | 7,360 | 5,599 | 5,421 | 4,712 | |
| | その他 | 60 | 16 | 46 | 110 | 105 | 120 | 121 | 129 | 220 | 331 | 705 | 927 | 911 | 860 | 920 | |
| 仕向先別 用途別 | 国内 | | 358 | 743 | 1,689 | 2,441 | 3,332 | 4,456 | 4,290 | 4,040 | 4,901 | 5,827 | 8,022 | 7,738 | 6,737 | 7,723 | 11,498 |
| | 電力用 | 住宅用 | 132 | 195 | 451 | 751 | 1,201 | 1,406 | 1,289 | 1,077 | 1,728 | 2,914 | 4,991 | 5,441 | 5,369 | 6,257 | 10,141 |
| | | 産業用 | 226 | 548 | 1,238 | 1,690 | 2,131 | 3,050 | 3,001 | 2,963 | 3,173 | 2,913 | 3,031 | 2,297 | 1,368 | 1,466 | 1,357 |
| | 海外 | | 666 | 1,380 | 3,137 | 4,477 | 6,188 | 6,684 | 6,435 | 6,061 | 7,351 | 8,743 | 9,805 | 9,458 | 8,235 | 8,588 | 7,700 |

(単位:kW)

| 年 度 | | 1996 | 1997 | 1998 | 1999 ※2 | 2000 ※2 | 2001 | 2002 ※3 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | |
|-------------|-------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|------------------|-----------|
| 総出荷量 | | 27,982 | 43,258 | 54,031 | 94,143 | 133,695 | 188,590 | 274,300 | 407,714 | 658,077 | 883,759 | 871,638 | 911,550 | 1,120,521 | 1,668,531 | 2,538,814 | |
| 種類別 | Si単結晶 | 9,282 | 13,768 | 11,575 | 19,523 | 24,857 | 32,617 | 64,900 | 100,736 | 196,510 | 330,464 | 318,326 | 309,991 | 363,065 | 626,578 | 832,271 | |
| | Si多結晶 | 11,846 | 22,354 | 35,786 | 66,834 | 101,633 | 142,087 | 197,100 | 286,400 | 432,550 | 514,989 | 502,833 | 515,978 | 632,924 | 833,560 | 1,320,467 | |
| | Si 薄膜 | 5,872 | 6,167 | 5,680 | 6,733 | 6,152 | 13,862 | 12,300 | 20,578 | 29,017 | 38,306 | 50,474 | 80,847 | 112,628 | 165,339 | 309,020 | |
| | その他 | 982 | 969 | 990 | 1,053 | 1,053 | 24 | - | - | - | - | 5 | 4,734 | 11,904 | 43,054 | 77,056 | |
| 仕向先別 用途別 | 国内 | | 20,205 | 33,230 | 43,306 | 81,078 | 116,659 | 124,370 | 186,175 | 224,986 | 274,189 | 305,068 | 268,175 | 209,856 | 236,787 | 623,127 | 1,062,914 |
| | 電力用 | 住宅用 | 18,330 | 31,300 | 41,960 | 76,489 | 112,433 | 119,579 | 160,142 | 198,667 | 246,341 | 269,887 | 235,337 | 176,550 | 196,931 | 543,708 | 862,223 |
| | | 産業用 | | | | | | | 18,428 | 18,014 | 20,710 | 31,677 | 31,370 | 32,210 | 38,740 | 74,396 | 196,923 |
| | 民生用 | | 1,875 | 1,930 | 1,346 | 4,589 | 4,226 | 4,791 | 7,605 | 8,305 | 7,138 | 3,504 | 1,468 | 1,096 | 1,116 | 5,023 | 3,768 |
| 海外 | | 7,777 | 10,028 | 10,725 | 13,036 | 17,032 | 64,220 | 88,100 | 182,728 | 383,888 | 578,691 | 603,463 | 701,694 | 883,734 | 1,045,404 | 1,475,900 | |

※1:国内出荷/電力用のうち住宅用と産業用の内訳調査は2002年度より実施。

※2:基データの不備により1999、2000年度の種類別合計値と仕向先別合計値は一致しない。

※3:2002年度の種類別調査がMW単位であったためその合計値と仕向先別合計値は一致しない。