

Table 5 – Production of PV materials, cells and modules in 2007 in selected IEA PVPS countries

Country	Solar PV grade Si feedstock production (tonnes) (1)	Production of ingots & wafers (MW) (1) (2)	Cell production (all types, MW)	Cell production capacity w(MW/year)	Module production (MW) (3)		Module production capacity (MW/year)
					wafer based (sc-Si & mc-Si)	thin film (a-Si & other)	
AUS	–	–	36	50	9	–	10
AUT	–	–	–	–	47	–	>52
CAN	–	–	–	–	7	<1	25
CHE	–	approx. 120	n.a.	n.a.	n.a.	<1	n.a.
DEU	8 000	415	842	1 456	875	94	1 333
DNK	–	1	–	–	<1	–	<1
ESP	–	–	>120	>120	>400	–	>400
FRA	–	88	40	>60	50	<1	>60
GBR	–	190	<2	2	129	<2	237
ITA	–	–	13	66	72	–	172
JPN	1 391	670	923	1 507	>>333	89	>>898
KOR	–	11	25	36	53	–	188
NOR	–	503	135	>135	–	–	–
PRT	–	–	–	8	19	–	38
SWE	–	–	–	–	70	–	190
USA	5 100	142	266	318	89	177	318
Total	14 491	2 140	>2 402	>3 758	>2 154	365	>3 922

Notes: **(1)** Although some IEA PVPS countries are reporting on production of feedstock, ingots and wafers, the picture from the national survey reports of these sections of the PV industry supply chain is not complete and consequently these data are provided more as background information. **(2)** 12 tonnes of ingot are equivalent to 1 MW of PV cells. **(3)** mc-Si includes modules based on EFG and String Ribbon cells. 'Other' refers to technologies other than silicon based. The total module production and module production capacity for Japan were not available.