

**Annex 2E. Semiconductor Manufacturing (IPCC 2E)
to the Technical Support Document for California's Greenhouse Gas Emissions
Inventory and the 1990 Emissions Level**

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Variables Used in the Emissions Estimation Equations

Values last updated on Monday, November 19, 2007

IPCC category = 2E — Electronics Industry

► Sector = Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products >

Activity = Semiconductor manufacture

- Variable Name -	- Year -	- Value and Units -	- Reference -
Semiconductor manufacture	1990	Not used in estimates	None, see text
Semiconductor manufacture	1991	Not used in estimates	None, see text
Semiconductor manufacture	1992	Not used in estimates	None, see text
Semiconductor manufacture	1993	Not used in estimates	None, see text
Semiconductor manufacture	1994	Not used in estimates	None, see text
Semiconductor manufacture	1995	Not used in estimates	None, see text
Semiconductor manufacture	1996	Not used in estimates	None, see text
Semiconductor manufacture	1997	Not used in estimates	None, see text
Semiconductor manufacture	1998	Not used in estimates	None, see text
Semiconductor manufacture	1999	Not used in estimates	None, see text
Semiconductor manufacture	2000	Not used in estimates	None, see text
Semiconductor manufacture	2001	Not used in estimates	None, see text
Semiconductor manufacture	2002	Not used in estimates	None, see text
Semiconductor manufacture	2003	Not used in estimates	None, see text
Semiconductor manufacture	2004	Not used in estimates	None, see text
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US emissions from semiconductor manufacture	1990	2.9 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1991	2.9 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1992	2.9 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1993	3.6 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1994	4 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1995	5 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1996	5.5 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1997	6.3 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1998	7.1 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	1999	7.2 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	2000	6.3 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	2001	4.5 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	2002	4.4 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	2003	4.3 Tg (million tonnes)	USEPA, 2007b
US emissions from semiconductor manufacture	2004	4.7 Tg (million tonnes)	USEPA, 2007b
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Value of California Semiconductor Shipments	1990	16,040,142,000 \$	USCB, various years b
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Value of California Semiconductor Shipments	1997	16,040,142,000 \$	USCB, various years b
Value of California Semiconductor Shipments	1998	15,219,501,200 \$	USCB, various years b
Value of California Semiconductor Shipments	1999	14,398,860,400 \$	USCB, various years b
Value of California Semiconductor Shipments	2000	13,578,219,600 \$	USCB, various years b
Value of California Semiconductor Shipments	2001	12,757,578,800 \$	USCB, various years b
Value of California Semiconductor Shipments	2002	11,936,938,000 \$	USCB, various years b
Value of California Semiconductor Shipments	2003	11,936,938,000 \$	USCB, various years b
Value of California Semiconductor Shipments	2004	11,936,938,000 \$	USCB, various years b

Value of US Semiconductor Shipments	1990	78,539,562,000 \$	USCB, various years b
Value of US Semiconductor Shipments	1991	78,539,562,000 \$	USCB, various years b
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Value of US Semiconductor Shipments	1997	78,539,562,000 \$	USCB, various years b
Value of US Semiconductor Shipments	1998	75,563,389,000 \$	USCB, various years b
Value of US Semiconductor Shipments	1999	72,587,216,000 \$	USCB, various years b
Value of US Semiconductor Shipments	2000	69,611,043,000 \$	USCB, various years b
Value of US Semiconductor Shipments	2001	66,634,870,000 \$	USCB, various years b
Value of US Semiconductor Shipments	2002	63,658,697,000 \$	USCB, various years b
Value of US Semiconductor Shipments	2003	63,658,697,000 \$	USCB, various years b
Value of US Semiconductor Shipments	2004	63,658,697,000 \$	USCB, various years b