

Annex 2J. Soda Ash Consumption (IPCC 2G4c)

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 = 2G4 — Other Product Manufacture and Use - Other (Please specify)

► **Sector = Not Specified Industrial >**

Activity = Soda ash consumption

- Variable Name -	- Year -	- Value and Units -	- Reference -
Soda ash consumption	1990	821.19 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1991	781.6 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1992	769.99 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1993	767.25 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1994	750.67 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1995	780.14 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1996	776.46 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1997	802.48 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1998	793.34 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	1999	819.24 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	2000	774.85 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	2001	764.35 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	2002	759.75 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	2003	742.75 Gg (thousand tonnes)	Calculation, see text
Soda ash consumption	2004	767.75 Gg (thousand tonnes)	Calculation, see text
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National soda ash consumption	1990	6.84 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1991	6.48 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1992	6.36 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1993	6.35 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1994	6.24 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1995	6.51 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1996	6.48 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1997	6.67 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1998	6.56 Tg (million tonnes)	USGS, 2006
National soda ash consumption	1999	6.74 Tg (million tonnes)	USGS, 2006
National soda ash consumption	2000	6.43 Tg (million tonnes)	USGS, 2006
National soda ash consumption	2001	6.31 Tg (million tonnes)	USGS, 2006
National soda ash consumption	2002	6.25 Tg (million tonnes)	USGS, 2006
National soda ash consumption	2003	6.09 Tg (million tonnes)	USGS, 2006
National soda ash consumption	2004	6.29 Tg (million tonnes)	USGS, 2006
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Ratio of California to US population	1990	0.12	USCB, various years a
Ratio of California to US population	1991	0.121	USCB, various years a
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Ratio of California to US population	1998	0.121	USCB, various years a
Ratio of California to US population	1999	0.122	USCB, various years a
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Ratio of California to US population	2002	0.122	USCB, various years a
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Ratio of California to US population	2004	0.122	USCB, various years a

Soda ash CO2 emission factor	1990	0.415 g / g	USEPA, 2004c
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