

Efforts by Industries in the Transportation, Offices and Household Sector

1. CO2 emissions (10,000t-CO2)

Offices and household sector

Industries	Fiscal1990	Fiscal1997	Fiscal1998	Fiscal1999	Fiscal2000	Fiscal2001	Fiscal2002	Compared to fiscal 1990(%)	Compared to fiscal 2001(%)
Japan LP Gas Association	4.4	4.0	3.8	4.0	4.0	4.0	4.2	-4.2%	3.2%
Japan Foreign Trade Council, Inc.	-	-	5.2	5.3	5.3	5.1	5.3	-	3.6%
Japan Association of Refrigerated Warehouses	55.7	57.9	57.9	61.5	61.3	62.3	66.2	19.0%	6.2%
Japan Department Stores Association	102	143	154	170	181	178	-	-	-
NTT Group	137	159	163	181	215	232	278	103.7%	20.0%

Transportation sector

Industries	Fiscal1990	Fiscal1997	Fiscal1998	Fiscal1999	Fiscal2000	Fiscal2001	Fiscal2002	Compared to fiscal 1990(%)	Compared to fiscal 2001(%)
All Japan Freight Forwarders Association	-	-	15.2	-	-	14.6	14.6	-	-0.3%
Japan Trucking Association	-	4,628	4,546	4,630	4,772	4,733	4,780	-	1.0%
Non-government Railways Association	221	214	208	224	227	226	245	10.8%	8.2%

2. Energy consumption (10,000kl, crude oil equivalents)

Offices and household sector

Industries	Fiscal1990	Fiscal1997	Fiscal1998	Fiscal1999	Fiscal2000	Fiscal2001	Fiscal2002	Compared to fiscal 1990(%)	Compared to fiscal 2001(%)
Japan LP Gas Association	2.8	3.0	2.9	2.9	2.8	2.8	2.7	-5.5%	-3.7%
Japan Association of Refrigerated Warehouses	36.2	43.1	44.6	44.7	42.2	42.9	42.5	17.3%	-0.9%
Japan Department Stores Association[10 ⁹ kWh]	3.0	4.8	5.3	5.8	5.6	5.8	-	-	-
NTT Group	83	118	126	132	144	155	172	106.1%	11.1%

Transportation sector

Industries	Fiscal1990	Fiscal1997	Fiscal1998	Fiscal1999	Fiscal2000	Fiscal2001	Fiscal2002	Compared to fiscal 1990(%)	Compared to fiscal 2001(%)
Japan Trucking Association	-	1,739	1,708	1,740	1,793	1,778	1,796	-	1.0%
Non-government Railways Association	144	159	161	163	156	156	157	9.3%	1.0%

3. Industry Trends in Relation to CO2 Emissions Intensity and Energy Consumption Intensity

Offices and household sector

Industries	Type of index	Fiscal1990	Fiscal1997	Fiscal1998	Fiscal1999	Fiscal2000	Fiscal2001	Fiscal2002
Japan LP Gas Association	CO2 emissions intensity	1	0.84	0.82	0.86	0.85	0.88	0.93
	energy intensity	1	0.96	0.97	0.96	0.90	0.93	0.92
Japan Association of Refrigerated Warehouses	CO2 emissions intensity	1	0.82	0.80	0.84	0.83	0.85	0.91
	energy intensity	1	0.94	0.95	0.93	0.88	0.90	0.89
Japan Department Stores Association	CO2 emissions intensity	1	0.82	0.81	0.82	0.90	0.86	-
	energy intensity	1	0.92	0.94	0.95	0.94	0.93	-
The Real Estate Companies Association of Japan	CO2 emissions intensity	1	0.96	0.97	1.00	1.00	1.01	1.05
	energy intensity	1	1.10	1.14	1.15	1.16	1.16	1.19

Transportation sector

Industries	Type of index	Fiscal1990	Fiscal1997	Fiscal1998	Fiscal1999	Fiscal2000	Fiscal2001	Fiscal2002
Japan Trucking Association	CO2 emissions intensity	-	0.99	0.98	0.96	0.95	0.93	0.93
	energy intensity	-	0.99	0.98	0.96	0.95	0.93	0.93
The Scheduled Airlines Association of Japan	CO2 emissions intensity	1	0.91	0.90	0.89	0.90	0.89	0.88
Japan Federation of Coastal Shipping Association	energy intensity	1	1.07	1.09	1.09	1.06	1.06	1.06
The Shipowners' Association	CO2 emissions intensity	1	0.86	0.90	0.84	0.85	0.85	0.80
Non-government Railways Association	CO2 emissions intensity	1	0.86	0.84	0.90	0.89	0.89	0.95
	energy intensity	1	0.99	1.00	1.00	0.94	0.94	0.94

Note1: The table presents data on CO2 emissions, energy consumption, and CO2 emissions intensity and energy consumption intensity that has been provided to Keidanren by industries and companies in the transportation, offices and household sectors

Note2: Dashes indicate data on CO2 emissions, energy consumption, and CO2 emissions intensity and energy consumption intensity that has not been made available by participating industries and companies.

Note3: Due to a revision of the Caloric Value Table, calculations of emissions from FY 2000 on are based on different heat conversion coefficients from those used through FY1999.

Note4: Japan Trucking Association use fiscal 1996 as their base year.