

Industry Trends in the Transportation, Offices and Household Sector

Offices and household sector

(10,000 t-CO₂; 10,000 kl. crude oil equivalents)

Industries	(: has target defined in terms of this index)	Fiscal 1990	Fiscal 1997	Fiscal 1998	Fiscal 1999	Fiscal 2000	Fiscal 2001	Fiscal 2002	Fiscal 2003	Compared to fiscal 1990 (%)	Compared to fiscal 2002 (%)
Japan Association of Refrigerated Warehouses	CO ₂ emissions	55.7	57.9	57.9	61.5	61.3	62.3	66.2	70.3	+26.3%	+6.1%
	CO ₂ emissions intensity	1	0.82	0.80	0.84	0.83	0.85	0.91	0.96		
	Energy consumption	36.2	43.1	44.6	44.7	42.2	42.9	42.5	42.0	+15.9%	-1.3%
	Energy consumption intensity	1	0.94	0.95	0.93	0.88	0.90	0.89	0.88		
	Production activity index	1	1.27	1.30	1.32	1.32	1.32	1.31	1.32		
Japan LP Gas Association	CO ₂ emissions	4.3	4.0	3.8	4.0	4.0	4.0	4.1	4.4	+2.1%	+6.9%
	CO ₂ emissions intensity	1	0.84	0.82	0.86	0.85	0.88	0.93	0.99		
	Energy consumption	2.8	3.0	2.9	2.9	2.8	2.8	2.7	2.6	-6.3%	-0.5%
	Energy consumption intensity	1	0.96	0.97	0.96	0.90	0.93	0.91	0.91		
	Production activity index	1	1.09	1.06	1.07	1.09	1.05	1.03	1.03		
The Real Estate Companies Association of Japan	CO ₂ emissions intensity	1	0.92	0.94	0.96	0.96	0.96	1.00	1.03		
	Energy consumption intensity	1	1.06	1.11	1.10	1.11	1.12	1.15	1.07		
The General Insurance Association of Japan	CO ₂ emissions					3.6	4.3	4.1	4.1		+0.2%
	Energy consumption					2.4	2.6	2.4	2.3		-4.8%
NTT Group	CO ₂ emissions	169	199	204	228	266	273	288	292	+72.8%	+1.4%
	CO ₂ emissions intensity	1	0.78	0.77	0.81	0.86	0.86	0.97	0.97		
	Energy consumption					144	155	172	189	+31.7%	+10.1%
	Energy consumption intensity					1	1.05	1.25	1.36		
	Production activity index	1	1.51	1.56	1.67	1.83	1.87	1.75	1.77		
Japan Foreign Trade Council, Inc.	CO ₂ emissions			5.8	5.9	5.8	5.6	5.8	5.8	+3	-0.8%
	Energy consumption			4.3	4.2	3.9	3.8	3.6	3.4	-21.2%	-6.1%

Transportation sector

(10,000 t-CO₂; 10,000 kl. crude oil equivalents)

Industries	(: has target defined in terms of this index)	Fiscal 1990	Fiscal 1997	Fiscal 1998	Fiscal 1999	Fiscal 2000	Fiscal 2001	Fiscal 2002	Fiscal 2003	Compared to fiscal 1990 (%)	Compared to fiscal 2002 (%)
The Scheduled Airlines Associations of Japan	CO ₂ emissions intensity	1	0.91	0.90	0.89	0.90	0.89	0.88	0.88		
The Japanese Shipowners' Association	CO ₂ emissions	3,824	4,286	4,364	4,539	4,708	4,562	4,522	4,757	+24.4%	+5.2%
	CO ₂ emissions intensity	1	0.86	0.90	0.84	0.85	0.85	0.80	0.78		
	Energy consumption		0.86	0.90	0.84	0.85	0.85	0.85	0.77		
	Energy consumption intensity	1	1.30	1.27	1.41	1.44	1.40	1.48	1.60		
	Production activity index	1	1.30	1.27	1.41	1.44	1.40	1.48	1.60		
Japan Federation of Coastal Shipping Associations	CO ₂ emissions	870	904	876	886	919	934	895	854	-1.8%	-4.5%
	CO ₂ emissions intensity	1	1.08	1.10	1.09	1.08	1.08	1.08	1.10		
	Energy consumption	318	330	320	323	335	340	326	311	-2.2%	-4.5%
	Energy consumption intensity	1	1.08	1.09	1.09	1.08	1.08	1.07	1.10		
	Production activity index	1	0.96	0.92	0.93	0.98	0.99	0.96	0.89		
Japan Trucking Association	CO ₂ emissions	*4 4,587	4,628	4,546	4,630	4,772	4,733	4,780	4,780		
	CO ₂ emissions intensity	1	0.99	0.98	0.96	0.95	0.93	0.93	0.93		
	Energy consumption	1,724	1,739	1,703	1,740	1,793	1,778	1,796	1,796		
	Energy consumption intensity	1	0.99	0.98	0.96	0.95	0.93	0.93	0.93		
	Production activity index	1	1.01	1.01	1.05	1.10	1.11	1.12	1.12		
All Japan Freight Forwarders Association	CO ₂ emissions			15.2			14.6	14.6	14.6	+3	-4.5%
	Energy consumption			5.7			5.5	5.5	5.5	-4.5%	-0.1%
Non-governmental Railways Association	CO ₂ emissions	221	214	208	224	227	226	245	265	+20.1%	+8.3%
	CO ₂ emissions intensity	1	0.86	0.84	0.90	0.89	0.89	0.95	1.02		
	Energy consumption	144	159	161	163	156	156	157	158	+10.2%	+0.8%
	Energy consumption intensity	1	0.99	1.00	1.00	0.94	0.94	0.94	0.94		
	Production activity index	1	1.12	1.12	1.13	1.15	1.16	1.16	1.17		

Note 1: The table presents data on CO₂ emissions, energy consumption, and CO₂ emissions intensity and energy consumption intensity that has been provided to Nippon Keidanren by industries in the transportation, offices and household sectors.

Note 2: Due to a revision of the Caloric Value Table, calculations of emissions from fiscal 2000 on are based on different heat conversion coefficients from those used through fiscal 1999.

Note 3: NTT Group uses fiscal 2000 as their base year for calculating change in energy consumption. Japan Foreign Trade Council and All Japan Freight Forwarders Association use 1998 as their base year for calculating change in CO₂ emissions and energy consumption.

Note 4: Japan Trucking Association uses fiscal 1996 as their base year, and their figures listed under fiscal 1990 represent actual figures for 1996.