Offices and household sector

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

mustry Frences in the Fransportation, Offices and Household Sec

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	.)	0.88		11070
	Production activity index	1	1.27	1.30		1.32	•	1.31	1.32	ļ	
Japan LP Gas Association	CO ₂ emissions	4.3	4.0	3.8					4.4	+2.1%	+6.9%
	CO ₂ emissions intensity	1	0.84	0.82	0.86	0.85		0.93	0.99		101270
	Energy consumption	2.8	3.0	2.9	2.9	2.8		2.7	2.6		-0.5%
	Energy consumption intensity	2.0	0.96	0.97	0.96	0.90	•	0.91	0.91	-0.570	-0.570
	Production activity index	1	1.09	1.06	1.07	1.09		1.03	1.03		
The Real Estate Companies Association of Japan	CO ₂ emissions intensity	1	0.92	0.94	0.96	0.96		1.00		-	
		1	1.06	1.11	1.10	1.11	1.12	1.15		ļ	
	Energy consumption intensity CO ₂ emissions	1	1.00	1.11	1.10	3.6			4.1	\vdash	.0.20/
The General Insurance Association of Japan NTT Group								4.1	A		+0.2%
	Energy consumption	4.60	100	201	220	2.4			2.3		-4.8%
	CO ₂ emissions	169	199	204	228	266		288	292	+72.8%	+1.4%
	CO ₂ emissions intensity	1	0.78	0.77	0.81	0.86		0.97	0.97	***	
	Energy consumption					144		172	4	A	+10.1%
	Energy consumption intensity					1	1.05	1.25	1.36	4	
	Production activity index	1	1.51	1.56		1.83		1.75			
Japan Foreign Trade Council, Inc.	CO ₂ emissions			5.8	5.9	5.8	5.6	5.8	5.8	*3 -0.8%	+0.0%
	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)
Transportation sector	1	l			<u> </u>	<u> </u>	T	(10,000 t-	CO2; 10,000	kl, crude oil	
	(: has target defined in terms of this	Fiscal 1990	Fiscal 1997	Fiscal 1008	Fiscal 1000	Fiscal 2000	Fiscal 2001			Compared	Compared
Transportation sector Industries	(: has target defined in terms of this index)	Fiscal 1990	Fiscal 1997	Fiscal 1998	Fiscal 1999	Fiscal 2000	Fiscal 2001		CO2; 10,000 Fiscal 2003	Compared to fiscal	Compared to fiscal
Industries	index)							Fiscal 2002	Fiscal 2003	Compared	Compared
Industries The Scheduled Airlines Associations of Japan	index) CO ₂ emissions intensity	1	0.91	0.90	0.89	0.90	0.89	Fiscal 2002 0.88	Fiscal 2003 0.88	Compared to fiscal 1990 (%)	Compared to fiscal 2002 (%)
Industries	index)						0.89	Fiscal 2002	Fiscal 2003	Compared to fiscal	Compared to fiscal
Industries The Scheduled Airlines Associations of Japan	index) CO ₂ emissions intensity	1	0.91	0.90	0.89 4,539	0.90	0.89 4,562	Fiscal 2002 0.88	Fiscal 2003 0.88 4,757	Compared to fiscal 1990 (%) +24.4%	Compared to fiscal 2002 (%)
Industries The Scheduled Airlines Associations of Japan	index) CO ₂ emissions intensity CO ₂ emissions	1 3,824	0.91 4,286	0.90 4,364	0.89 4,539	0.90 4,708	0.89 4,562 0.85	Fiscal 2002 0.88 4,522	Fiscal 2003 0.88 4,757 0.78	Compared to fiscal 1990 (%) +24.4%	Compared to fiscal 2002 (%)
Industries The Scheduled Airlines Associations of Japan	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions intensity	1 3,824	0.91 4,286 0.86	0.90 4,364 0.90	0.89 4,539 0.84	0.90 4,708 0.85	0.89 4,562 0.85	Fiscal 2002 0.88 4,522 0.80 0.80	Fiscal 2003 0.88 4,757 0.78	Compared to fiscal 1990 (%) +24.4%	Compared to fiscal 2002 (%)
Industries The Scheduled Airlines Associations of Japan	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity	1 3,824	0.91 4,286 0.86 0.86	0.90 4,364 0.90 0.90	0.89 4,539 0.84 0.84	0.90 4,708 0.85 0.85	0.89 4,562 0.85 0.85 1.40	Fiscal 2002 0.88 4,522 0.80 0.80	Fiscal 2003 0.88 4,757 0.78 0.77	Compared to fiscal 1990 (%) +24.4%	Compared to fiscal 2002 (%)
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association	index) CO ₂ emissions intensity CO ₃ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index	1 3,824 1 1	0.91 4,286 0.86 0.86 1.30	0.90 4,364 0.90 0.90 1.27	0.89 4,539 0.84 0.84	0.90 4,708 0.85 0.85	0.89 4,562 0.85 0.85 1.40 934	0.88 4,522 0.80 0.80	Fiscal 2003 0.88 4,757 0.78 0.77 1.60	Compared to fiscal 1990 (%) +24.4%	Compared to fiscal 2002 (%)
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₃ emissions CO ₄ emissions intensity	1 3,824 1 1 1 870	0.91 4,286 0.86 0.86 1.30 904	0.90 4,364 0.90 0.90 1.27 876 1.10	0.89 4,539 0.84 0.84 1.41 886	0.90 4,708 0.85 0.85 1.44 919	0.89 4,562 0.85 0.85 1.40 934	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854	Compared to fiscal 1990 (%) +24.4%	Compared to fiscal 2002 (%) +5.2%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption	1 3,824 1 1 1 870	0.91 4,286 0.86 0.86 1.30 904 1.08	0.90 4,364 0.90 0.90 1.27 876 1.10 320	0.89 4,539 0.84 0.84 1.41 886 1.09	0.90 4,708 0.85 0.85 1.44 919 1.08	0.89 4,562 0.85 0.85 1.40 934 1.08	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895 1.08	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311	Compared to fiscal 1990 (%) +24.4%	Compared to fiscal 2002 (%)
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption Energy consumption	1 3,824 1 1 1 870	0.91 4,286 0.86 0.86 1.30 904 1.08 330	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09	0.89 4,539 0.84 0.84 1.41 886 1.09 323	0.90 4,708 0.85 0.85 1.44 919 1.08 335	0.89 4,562 0.85 0.85 1.40 934 1.08 340	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895 1.08 326	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311	Compared to fiscal 1990 (%) +24.4% -1.8%	Compared to fiscal 2002 (%) +5.2%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association Japan Federation of Coastal Shipping Associations	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₃ emissions intensity Energy consumption Energy consumption intensity Production activity index	1 3,824 1 1 1 870 1 318 1	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09	0.89 4,539 0.84 0.84 1.41 886 1.09 323 1.09	0.90 4,708 0.85 0.85 1.44 919 1.08 335 1.08	0.89 4,562 0.85 0.85 1.40 934 1.08 340 1.08	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895 1.08 326 1.07 0.96	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311 1.10 0.89	Compared to fiscal 1990 (%) +24.4% -1.8%	Compared to fiscal 2002 (%) +5.2%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association	index) CO ₂ emissions intensity CO ₃ emissions CO ₄ emissions CO ₅ emissions intensity Energy consumption intensity Production activity index CO ₆ emissions CO ₂ emissions intensity Energy consumption Energy consumption intensity Production activity index CO ₂ emissions	1 3,824 1 1 1 870 1 318 1	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08 0.96	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09 0.92	0.89 4,539 0.84 0.84 1.41 886 1.09 323 1.09 0.93 4,630	0.90 4,708 0.85 0.85 1.44 919 1.08 335 1.08 0.98	0.89 4,562 0.85 0.85 1.40 934 1.08 340 1.08 0.99	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895 1.08 326 1.07 0.96 4,780	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311 1.10 0.89	Compared to fiscal 1990 (%) +24.4% -1.8%	Compared to fiscal 2002 (%) +5.2%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association Japan Federation of Coastal Shipping Associations	index) CO ₂ emissions intensity CO ₃ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions Energy consumption Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions	1 3,824 1 1 1 870 1 318 1 1 *4 4,587	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08 0.96 4,628	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09 0.92 4,546	0.89 4,539 0.84 0.84 1.41 886 1.09 323 1.09 0.93 4,630	0.90 4,708 0.85 0.85 1.44 919 1.08 3355 1.08 0.98 4,772	0.89 4,562 0.85 0.85 1.40 934 1.08 340 1.08 0.99 4,733	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895 1.08 326 1.07 0.96 4,780 0.93	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311 1.10 0.89	Compared to fiscal 1990 (%) +24.4% -1.8%	Compared to fiscal 2002 (%) +5.2%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association Japan Federation of Coastal Shipping Associations	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₃ emissions intensity Energy consumption Energy consumption Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption	1 3,824 1 1 1 870 1 318 1	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08 0.96 4,628 0.99	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09 0.92 4,546 0.98	0.89 4,539 0.84 0.84 1.41 886 1.09 323 1.09 0.93 4,630 0.96	0.90 4,708 0.85 0.85 1.44 919 1.08 335 1.08 0.98 4,772 0.95	0.89 4,562 0.85 0.85 1.40 934 1.08 340 1.08 0.99 4.733 0.93	Fiscal 2002 0.88 4,522 0.80 1.48 895 1.08 326 1.07 0.96 4,780 0.93 1,796	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311 1.10 0.89	Compared to fiscal 1990 (%) +24.4% -1.8%	Compared to fiscal 2002 (%) +5.2%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association Japan Federation of Coastal Shipping Associations	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₃ emissions CO ₄ emissions intensity Energy consumption Energy consumption intensity Production activity index CO ₅ emissions CO ₆ emissions CO ₇ emissions CO ₈ emissions CO ₉ emissions intensity Energy consumption Energy consumption Energy consumption Energy consumption intensity	1 3,824 1 1 1 870 1 318 1 1 *4 4,587	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08 0.96 4,628 0.99 1,739	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09 0.92 4,546 0.98 1,708	0.89 4,539 0.84 0.84 1.41 886 1.09 323 1.09 0.93 4,630 0.96 1,740	0.90 4,708 0.85 0.85 0.85 1.44 919 1.08 0.98 4,772 0.95 1,793 0.95	0.89 4,562 0.85 0.85 1.40 934 1.08 340 1.08 0.99 4,733 0.93 1,778	Fiscal 2002 0.88 4.522 0.80 0.80 1.48 895 1.08 326 1.07 0.96 4.780 0.93 1,796 0.93	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311 1.10 0.89	Compared to fiscal 1990 (%) +24.4% -1.8%	Compared to fiscal 2002 (%) +5.2%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association Japan Federation of Coastal Shipping Associations Japan Trucking Association	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions intensity Energy consumption Energy consumption Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions CO ₂ emissions Energy consumption Energy consumption Energy consumption Energy consumption intensity Production activity index	1 3,824 1 1 1 870 1 318 1 1 *4 4,587	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08 0.96 4,628 0.99	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09 0.92 4,546 0.98 0.98 1.01	0.89 4,539 0.84 0.84 1.41 886 1.09 323 1.09 0.93 4,630 0.96	0.90 4,708 0.85 0.85 1.44 919 1.08 335 1.08 0.98 4,772 0.95	0.89 4,562 0.85 0.85 1.40 934 1.08 340 1.08 0.99 4,733 0.93 1.778 0.93	Fiscal 2002 0.88 4.522 0.80 0.80 1.48 895 1.08 326 4.780 0.93 1.796 0.93 1.12	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311 1.10 0.89	Compared to fiscal 1990 (%) +24.4% -1.8% -2.2%	Compared to fiscal 2002 (%) +5.2% -4.5%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association Japan Federation of Coastal Shipping Associations	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₃ emissions intensity Energy consumption Energy consumption Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption Energy consumption Energy consumption Energy consumption intensity Production activity index CO ₂ emissions	1 3,824 1 1 1 870 1 318 1 1 *4 4,587	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08 0.96 4,628 0.99 1,739	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09 0.92 4,546 0.98 1.708 0.98 1.01	0.89 4,539 0.84 0.84 1.41 886 1.09 323 1.09 0.93 4,630 0.96 1,740	0.90 4,708 0.85 0.85 0.85 1.44 919 1.08 0.98 4,772 0.95 1,793 0.95	0.89 4,562 0.85 0.85 1.40 934 1.08 340 1.08 0.99 4,733 0.93 1.778 0.93 1.11	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895 1.08 326 1.07 0.96 4,780 0.93 1.12 14.6	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311 1.10 0.89	Compared to fiscal 1990 (%) +24.4% -1.8% -2.2%	Compared to fiscal 2002 (%) +5.2% -4.5% -4.5% -4.5%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association Japan Federation of Coastal Shipping Associations Japan Trucking Association All Japan Freight Forwarders Association	index) CO ₂ emissions intensity CO ₃ emissions CO ₄ emissions CO ₅ emissions intensity Energy consumption intensity Production activity index CO ₆ emissions CO ₇ emissions Energy consumption intensity Production activity index CO ₇ emissions CO ₈ emissions CO ₉ emissions CO ₉ emissions CO ₉ emissions CO ₉ emissions Energy consumption Energy consumption	1 3,824 1 1 1 870 1 318 1 1 *4 4,587 1 1,724 1	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08 0.96 4,628 0.99 1,739 0.99	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09 0.92 4,546 0.98 1,708 0.98 1.01 15.2	0.89 4,539 0.84 0.84 1,41 886 1.09 323 1.09 0.93 4,630 0.96 1,740 0.96 1.05	0.90 4,708 0.85 0.85 1.44 919 1.08 3355 1.08 0.98 4,772 0.95 1,793 0.95	0.89 4,562 0.85 0.85 1,40 934 1.08 340 1.08 0.99 4,733 0.93 1,778 0.93 1.11 14.6	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895 1.08 326 4,780 0.93 1.796 0.93 1.14 1.46 5.55	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 0.89 14.6 5.5	Compared to fiscal 1990 (%) +24.4% -1.8% -2.2% *3 -4.5% -4.5%	-0.1%
Industries The Scheduled Airlines Associations of Japan The Japanese Shipowners' Association Japan Federation of Coastal Shipping Associations Japan Trucking Association	index) CO ₂ emissions intensity CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption intensity Production activity index CO ₂ emissions CO ₃ emissions intensity Energy consumption Energy consumption Energy consumption intensity Production activity index CO ₂ emissions CO ₂ emissions CO ₂ emissions intensity Energy consumption Energy consumption Energy consumption Energy consumption intensity Production activity index CO ₂ emissions	1 3,824 1 1 1 870 1 318 1 1 *4 4,587	0.91 4,286 0.86 0.86 1.30 904 1.08 330 1.08 0.96 4,628 0.99 1,739	0.90 4,364 0.90 0.90 1.27 876 1.10 320 1.09 0.92 4,546 0.98 1,708 0.98 1.01 15.2 5.7	0.89 4,539 0.84 0.84 1.41 886 1.09 323 1.09 0.93 4,630 0.96 1,740	0.90 4,708 0.85 0.85 1.44 919 1.08 3355 1.08 0.98 4,772 0.95 1,793 0.95 1.10	0.89 4,562 0.85 0.85 1.40 934 1.08 340 1.08 0.99 4,733 0.93 1,778 0.93 1.11 14.6 5.5	Fiscal 2002 0.88 4,522 0.80 0.80 1.48 895 1.08 326 4,780 0.93 1.796 0.93 1.12 14.6 5.5	Fiscal 2003 0.88 4,757 0.78 0.77 1.60 854 1.10 311 1.10 0.89 14.6 5.5	Compared to fiscal 1990 (%) +24.4% -1.8% -2.2% -3 -4.5% -4.5% +20.1%	Compared to fiscal 2002 (%) +5.2% -4.5% -4.5% -4.5%

159

0.99

163 1.00

1.13

161

1.00

156

0.94

157

0.94

156

0.94

1.15

158

0.94

+10.2%

+0.8%

144

Energy consumption

Energy consumption intensity

Production activity index

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.