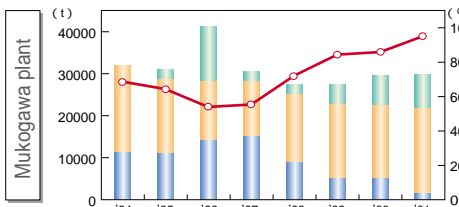
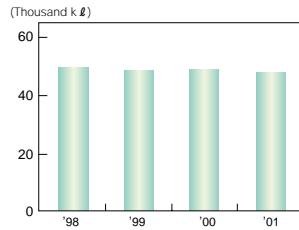


Data in each plant

Amount of emission of industrial wastes, recycling rate



Energy consumption



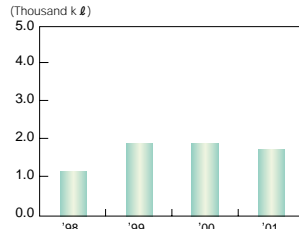
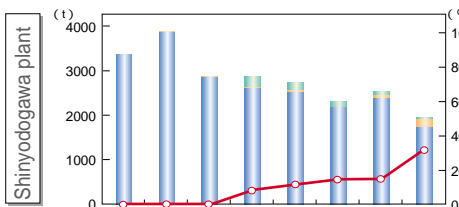
Amount of emission and transfer of chemical substances (in fiscal 2001)

(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
40		Ethylbenzene	4,300	0	0	0	0	3,000
63		Xylene	11,000	0	0	0	0	4,200
227		Toluene	43,000	0	0	0	0	7,900
231		Nickel	5.8	0	0	0	0	0

Marushima plant

40		Ethylbenzene	24,000	0	0	0	0	0
63		Xylene	100,000	0	0	0	0	0
227		Toluene	66,000	0	0	0	0	0

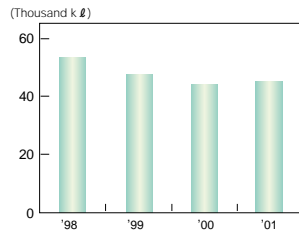
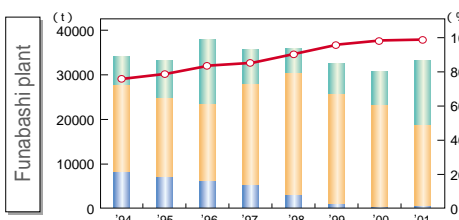


(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
177		Styrene	24,000	0	0	0	0	0
*	179	Dioxins	13	0	0	0	0	2.4

Shinyodogawa environmental plant center

*	179	Dioxins	0.017	0	0	0	0	0.16
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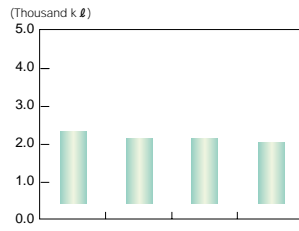
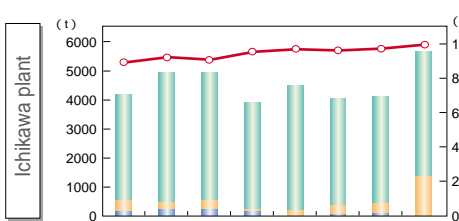


(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
40		Ethylbenzene	36,000	0	0	0	0	0
63		Xylene	120,000	0	0	0	0	0
227		Toluene	94,000	0	0	0	0	0
231		Nickel	0	0	0	0	0	18

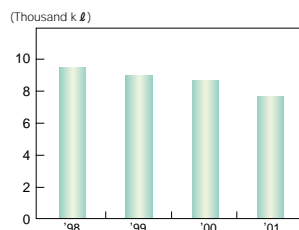
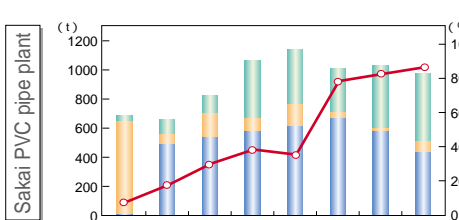
Distribution and machining center

40		Ethylbenzene	9,900	0	0	0	0	0
63		Xylene	39,000	0	0	0	0	0
227		Toluene	5,600	0	0	0	0	0



(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
311		Manganese and its compounds	0	0	0	0	0	24

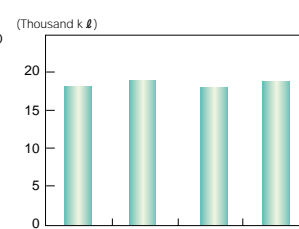
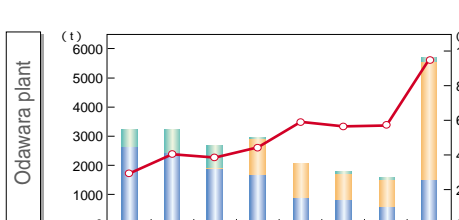


(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
176		Organic tin compounds	15	0	0	0	0	130
230		Lead and its compounds	48	0	0	0	0	590
312		Phthalic anhydride	0	0	0	0	0	1.0

Ishizu-nishi plant

230		Lead and its compounds	22	0	0	0	0	2.0
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(unit: kg/year, mg-TEQ/year for dioxins)

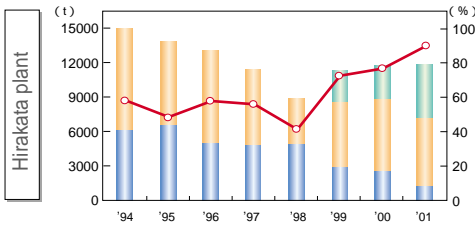
Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
*	26	Asbestos	3.4	0	0	0	23	72,000
68		Chromium and its trivalent compounds	0	0	0	0	0	10
176		Organic tin compounds	15	0	0	0	0	27
*	179	Dioxins	63	0	0	0	0	3.4
230		Lead and its compounds	47	0	0	0	0	960

Legends
—○— Recycling rate
■ Amount of valuable substances sold
■ Amount of recycling and intermediate treatment
■ Amount of landfill

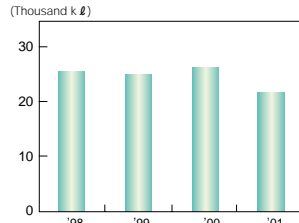
Legends
■ Energy consumption

* Class 1 designated chemical substances

Amount of emission of industrial wastes, recycling rate



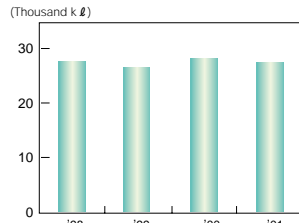
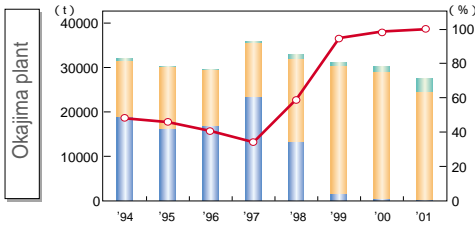
Energy consumption



Amount of emission and transfer of chemical substances (in fiscal 2001)

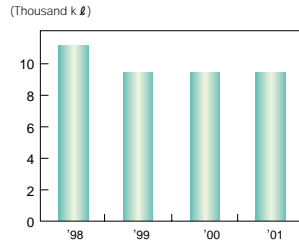
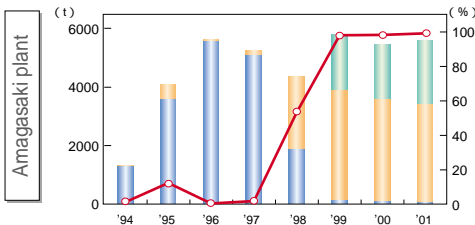
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
63		Xylene	3,100	0	0	0	0	2,400
68		Chromium and its trivalent compounds	0	0	0	0	0	20,000
227		Toluene	6,300	0	0	0	0	4,800
231		Nickel	0	0	0	0	0	0.6
311		Manganese and its compounds	0	0	0	0	0	7,700



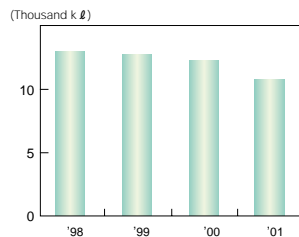
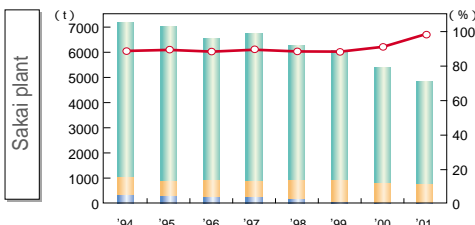
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
40		Ethylbenzene	3,300	0	0	0	0	1,100
63		Xylene	23,000	0	0	0	0	7,600
68		Chromium and its trivalent compounds	0	0	0	0	0	7,300
311		Manganese and its compounds	0	0	0	0	0	91,000



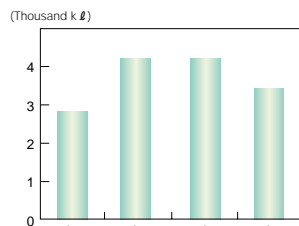
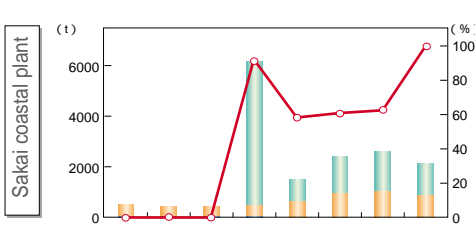
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
68		Chromium and its trivalent compounds	0	0	0	0	8	1,600
231		Nickel	0	0	0	0	0	2.0
311		Manganese and its compounds	0	0	0	0	4	750



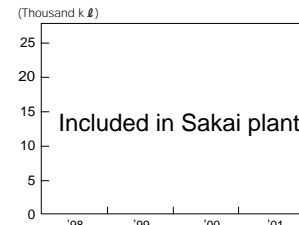
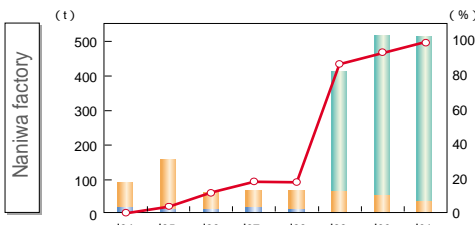
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
40		Ethylbenzene	430	0	0	0	0	410
63		Xylene	2,100	0	0	0	0	1,800
227		Toluene	200	0	0	0	0	2,300



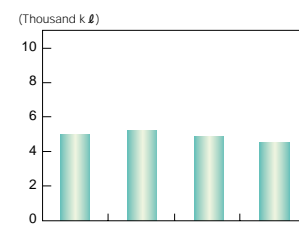
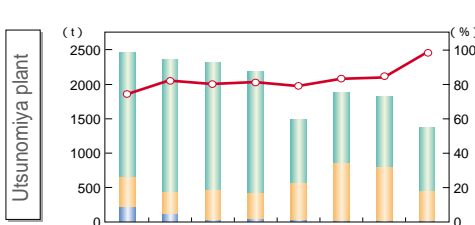
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
63		Xylene	190	0	0	0	0	470
227		Toluene	140	0	0	0	0	580



(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
211		Trichloroethylene	2,100	0	0	0	0	4,100



(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
40		Ethylbenzene	6,500	0	0	0	0	200
63		Xylene	34,000	0	0	0	0	750
227		Toluene	1,200	0	0	0	0	920

Legends
 Recycling rate
 Amount of valuable substances sold
 Amount of recycling and intermediate treatment
 Amount of landfill

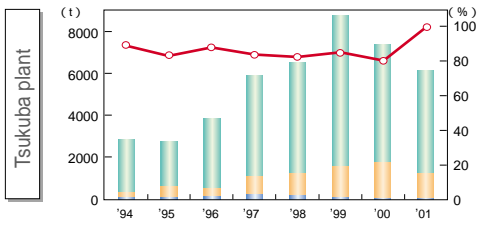
Legends
 Energy consumption

* Class 1 designated chemical substances

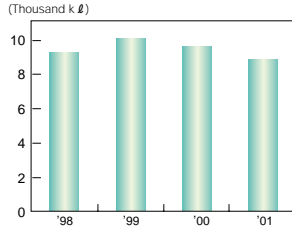
Data in each plant

Data in each plant

Amount of emission of industrial wastes, recycling rate



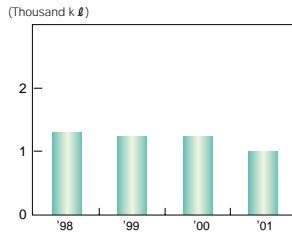
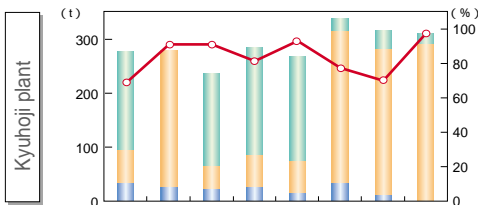
Energy consumption



Amount of emission and transfer of chemical substances (in fiscal 2001)

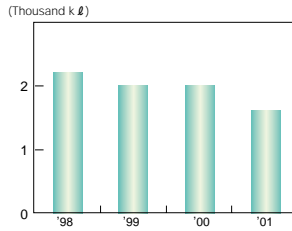
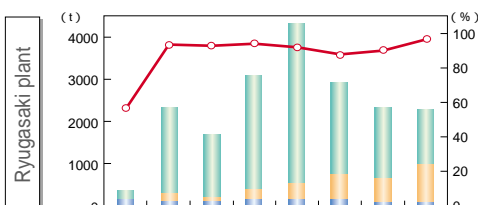
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
	40	Ethylbenzene	10,000	0	0	0	0	270
	63	Xylene	55,000	0	0	0	0	2,700
*	69	Hexavalent chromium compounds	0	0	0	0	0	430
	227	Toluene	7,200	0	0	0	0	1,100
	230	Lead its compounds	0	0	0	0	0	2,000



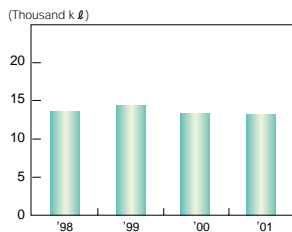
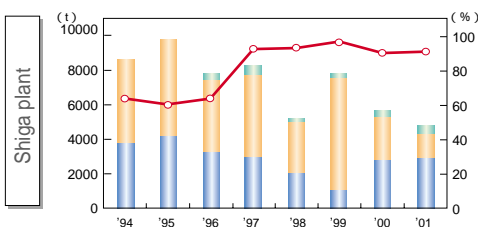
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
	No notified chemical substances							



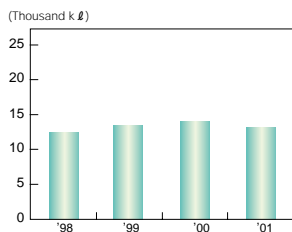
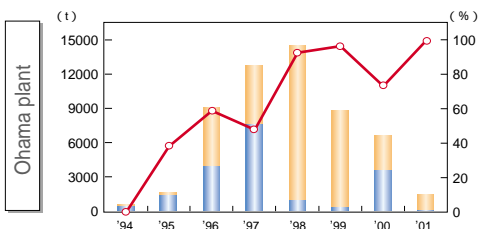
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
	63	Xylene	13,000	0	0	0	0	34
	227	Toluene	4,400	0	0	0	0	12



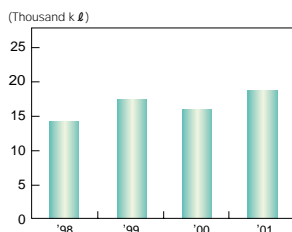
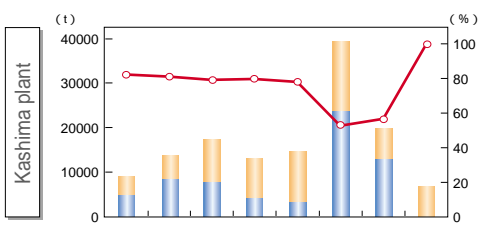
(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
*	26	Asbestos	6.1	16	0	0	0	150,000
	177	Styrene	40,000	0	0	0	0	0
*	179	Dioxins	97	0	0	0	0	0.14
	304	Boron and its compounds	0	0	0	0	0	1,300



(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
	40	Ethylbenzene	8,600	0	0	0	0	0
	63	Xylene	19,000	0	0	0	0	0
*	179	Dioxins	14	0	0	0	0	1.5
	227	Toluene	7,200	0	0	0	0	0



(unit: kg/year, mg-TEQ/year for dioxins)

Designated	Number specified in cabinet order	Substances	Amount of emission				Amount of transfer	
			Air	Water	Soil	Landfill	Sewage	Transfer from plants
	440	Ethylbenzene	180,000	0	0	0	0	89
	63	Xylene	310,000	0	0	0	0	160
	227	Toluene	14,000	0	0	0	0	7.0

Legends
—○— Recycling rate
■ Amount of valuable substances sold
■ Amount of recycling and intermediate treatment
■ Amount of landfill

Legends
■ Energy consumption

* Class 1 designated chemical substances