

Environmental Accounting

- Scope of data collection: Ajinomoto Co., Inc.
- Relevant period: April, 2006 to March, 2007

Environmental Conservation Costs

(Unit: millions of yen)

		Total	1,448	3,933
Cost category	Item	Details	Investment	Expenditure
Business Area costs	Environment conservation costs to curb environmental impact caused by production and service activities in each business area	Main focus: Maintenance and renewal of environmental facilities Zero emission target, measures against odor	1,439	2,277
	1) Pollution reduction cost	Investment: Cogeneration system Expenditure: Maintenance costs for air and water quality	965	1,339
	2) Global environmental impact reduction cost	Investment: Upgrading refrigeration equipment Expenditure: Maintenance costs for	340	0
	3) Resource circulation cost	Investment: Activated sludge facilities Expenditure: Maintenance and operation costs for waste treatment facilities	134	938
Upstream/downstream costs	Costs to curb environmental impacts caused by production and service activities, either upstream or downstream	Costs for recycling containers and packaging materials, waste products logistics, and green purchasing	0	674
Management activity costs	Environmental conservation costs of management activities	Investment related to the environment Costs for human resources	7	365
R&D costs	Environmental conservation costs of R&D activities	Investment related to the environment Costs for engineers	2	313
Social activity	Environmental conservation costs of social activities	Sox levy, environmental event expenses, costs of equipping the Tokai bird sanctuary	0	295
Environmental damage costs	Costs caused by environmental damage	Soil cleanup works	0	9

Investment and R&D Costs

(Unit: millions of yen)

Item	Details	Amount
Total amount of investment during the term	Investment in FY2006	19,500
Total amount of R&D cost during the term	R&D cost in FY2006	25,951

Economic benefit accompanying environmental preservation measures (Unit: millions of yen)

Impacts of various efforts	Amount
Revenues from recycling	328
Cost reduction from energy conservation	16
Cost reduction from recycling waste	0
Total	343

Results of environmental preservation

Type of environmental preservation	Performance indicator	Unit	FY2002	FY2003	FY2004	FY2005	FY2006	Remarks
Environmental preservation related to resources input into business activities	Total energy input	TJ	5,224	5,704	5,648	5,580	5,776	Per-unit energy usage increased due to the increased production of sweeteners, high environmental impact
	Per-unit energy usage	GJ/tons production	24.55	27.82	30.25	30.61	31.37	
	Total water input	Thousands of tons	82617.94	81,528	78,994	76,583	77,871	Total input increased due to 3.5% of production increase. Water intake increased by 1.6%
	City water	Thousands of tons	487.37	529	476	483	1,460	
	Well water	Thousands of tons	658.83	718	690	693	0	
	River water	Thousands of tons	45413.35	45,126	43,398	41,831	41,245	
	Industrial water	Thousands of tons	36058.40	35,155	34,430	33,575	34,507	
Environmental preservation related to waste and environmental impact generated by business activities	NOx production	Tons	261	299	302	229	239	Year-on-year increase
	SOx production	Tons	906	1,044	927	685	851	Year-on-year increase
	CO ₂ Emissions	Thousands of tons	317	344	344	339	345	Per-unit emissions slightly increased due to the production increase
	Per-unit CO ₂ emissions	t/tons production	1.49	1.68	1.84	1.86	1.88	
	Waste production	Thousands of tons	100	104	104	101	121	Waste production increased
	Recycling rate	%	89.4	94.9	97.7	98.6	98.9	Recycling rate is improved by 0.3 points
	Wastewater	kℓ	88,517	78,703	76,955	76,106	67,875	Waste water reduction is progressed for the Zero Emission Target
	BOD emissions	Tons	186.1	195.4	185.3	378.9	125.3	
TN emissions	Tons	779.9	1,195.0	1,072.3	3,045.8	807.2		
Environmental preservation related to goods and services as calculated from business activities	Value of waste products	Billions of yen	20.6	19.7	9.9	13.3	15.2	Weight and value increased for three consecutive years.
	Weight of waste products	Tons	4,581	2,915	1,964	2,018	2,122	