

Catalyst Production and Shipment Statistics in 2009

(Unit: tons, ¥ 1 million, %)

Category		Item	2008	2009	2009/2008
Industrial Use	Petroleum Refining	Production Volume	54,669	54,775	100
		Shipment Volume	52,576	56,739	108
		Shipment Value	34,338	29,006	84
	Petrochemical	Production Volume	19,952	17,392	87
		Shipment Volume	16,473	12,523	76
		Shipment Value	68,567	33,054	48
	Polymerization	Production Volume	15,592	11,054	71
		Shipment Volume	14,603	10,996	75
		Shipment Value	21,399	18,286	85
	Oil & Fats Processing	Production Volume	504	385	76
		Shipment Volume	514	363	71
		Shipment Value	777	407	52
	Pharmaceuticals & Food Production & Other Industrial Use	Production Volume	2,364	2,989	126
		Shipment Volume	2,181	1,805	83
		Shipment Value	5,106	3,432	67
Subtotal	Production Volume	93,081	86,595	93	
	Shipment Volume	86,347	82,426	95	
	Shipment Value	130,191	84,183	65	
Environmental Preservation	Automotive Exhaust	Production Volume	15,614	10,195	65
		Shipment Volume	17,456	10,974	63
		Shipment Value	395,650	147,496	37
	Other Environmental Preservation	Production Volume	10,301	8,870	86
		Shipment Volume	10,161	8,855	87
		Shipment Value	17,861	16,947	95
	Subtotal	Production Volume	25,915	19,065	74
Shipment Volume		27,617	19,829	72	
Shipment Value		413,512	164,444	40	
Total	Production Volume	118,996	105,660	89	
	Shipment Volume	113,964	102,255	90	
	Shipment Value	543,703	248,627	46	

Source: METI

Catalyst Export and Import Statistics in 2009

〈 Export 〉

(Unit: tons, ¥ 1 million)

HS Number	Category	Item	2008	2009
3815.11-000	Supported Catalysts: with nickel or nickel compounds as the active substance	Volume	3,766	3,583
		Value	7,047	4,874
3815.12-000	Supported Catalysts: with precious metal or precious metal compounds as the active substance	Volume	4,278	2,982
		Value	60,420	30,830
3815.19-000	Supported Catalysts: Other Catalysts	Volume	33,462	33,651
		Value	47,485	32,427
3815.90-000	Reaction Initiators, Reaction Accelerators and Catalytic Preparations (excluding supported catalysts)	Volume	7,093	8,990
		Value	15,421	14,761
Export Total		Volume	48,599	49,206
		Value	130,373	82,892

Source: MOF

〈 Import 〉

(Unit: tons, ¥ 1 million)

HS Number	Category	Item	2008	2009
3815.11-000	Supported Catalysts: with nickel or nickel compounds as the active substance	Volume	4,945	4,275
		Value	8,654	5,279
3815.12-100	Supported Catalysts: Platinum Catalysts	Volume	585	468
		Value	14,963	7,536
3815.12-210	Supported Catalysts: Automotive Exhaust Catalysts, with precious metal or precious metal compounds	Volume	2,726	1,182
		Value	86,312	28,157
3815.12-220	Supported Catalysts: Other Catalysts, with precious metal or precious metal compounds	Volume	298	122
		Value	2,284	1,412
3815.19-100	Supported Catalysts: Iron Catalysts	Volume	73	289
		Value	30	78
3815.19-210	Supported Catalysts: Silica-Alumina Catalysts	Volume	4,847	2,695
		Value	1,829	1,043
3815.19-290	Supported Catalysts: Other Catalysts	Volume	2,321	2,538
		Value	3,254	2,580
3815.90-100	Iron Catalysts and Platinum Catalysts (not supported)	Volume	283	313
		Value	411	350
3815.90-200	Silica-alumina Catalysts (not supported)	Volume	48	113
		Value	49	215
3815.90-310	Other Catalysts (not supported)	Volume	3,734	2,939
		Value	3,602	2,572
3815.90-390	Reaction Initiators and Reaction Accelerators	Volume	398	222
		Value	558	302
Import Total		Volume	20,258	15,156
		Value	121,946	49,523

Source: MOF