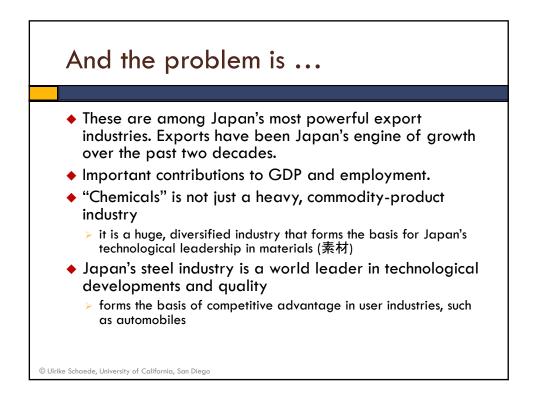


Industry	Energy Consumption	% of Industry Consumption
Chemicals	2269	36.9
Steel	1743	28.4
Others/SME	872	14.2
Other 5 big industries	409	6.7
Machinery	348	5.7
Pulp&paper	338	5.5
Kiln (cement, glass, ceramics)	308	5.0
Total (of surveyed industries)	6145	na



	2003	2004	2005	2006	2007	2008	2009	2010
Value of Exports (trillion Yen)	54.5	61.2	65.6	75.2	83.9	81	54.2	67.4
Value of Imports (trillion Yen)	44.4	49.2	56.9	67.3	73.1	78.9	51.5	60.8
Leading Industries								
Cars	8.9	9.2	9.9	12.3	14.3	13.7	6.7	9.2
% of Total Exports	16.3	15.0	15.1	16.4	17.0	16.9	12.4	13.6
Chemicals	4.5	5.2	5.8	6.8	7.7	7.3	5.8	6.9
% of Total Exports	8.3	8.5	8.8	9.0	9.2	9.0	10.7	10.2
Electronic Parts	4.1	4.4	4.4	4.9	5.2	4.6	3.4	4.2
% of Total Exports	7.5	7.2	6.7	6.5	6.2	5.7	6.3	6.2
Iron&Steel Products	2.1	2.5	3.0	3.5	4.0	4.6	2.9	3.7
% of Total Exports	3.9	4.1	4.6	4.7	4.8	5.7	5.4	5.5

## Japan's Leadership in Chemicals (broadly defined) Examples: combined global market shares by Japanese companies 70% in fine chemistry for electronics 80% in photoresists (semiconductors) 65% in carbon fiber Shese industries are located in upstream parts of the global supply chain, and highly profitable. Japan has over time acquired tacit knowledge in chemistry unrivaled by most other countries. Chemicals is a strategic industry for Japan.

