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Prepared for the Indiana Department of Commerce with the support of the Center for International Business Education and Research at the Indiana University Kelley School of Business. All the data used in this report, unless specified otherwise, were published by the U.S. Census Bureau and distributed by Global Trade Information Services via the World Trade Atlas, U.S. State Export Edition.

To receive free copies of the export report please contact the Indiana Department of Commerce's Office of International Trade at 317.232.4949. Direct questions to the author of the report to Larry Davidson at davidso@indiana.edu or 812.855.2773.



# STATE OF INDIANA STATE CAPITOL INDIANAPOLIS 46204

#### Dear Business Leader:

The Indiana Department of Commerce is pleased to share with you its 2004 Export Report.

Exports are a vital component of Indiana's economic growth and development. The State has aggressively pursued business opportunities and 2003 marked a record setting year for export sales, as Indiana ranked 12th among the nation's largest exporting states.

In the fourth quarter of 2003, exports increased at an annualized rate of 37 percent, bringing the year's export sales to \$16.4 billion. This increase represents an additional \$1.5 billion more for 2003 than the year before and the State's strongest year on record.

During this period, Indiana's growth rate more than doubled the U.S. increase of an estimated 4.4 percent. Nationally, Indiana ranked above all but one of the top15 export states.

Since 1996, Indiana's economy has experienced steady export growth, exceeding national growth rates and placing the state among the top in the international trade arena. Electrical machinery, vehicles and other types of machinery dominate Indiana's export sectors. Organic Chemicals, Plastics and Medical Equipment are making headways in the state's exports.

Exports and international trade are fueling Indiana's economy, which is positive news for the state's residents and visitors alike.

For more information about this report or any of Indiana's international trade activities, please contact the Indiana Department of Commerce's Office of International Trade at 317.233.3762 or visit its Web site at www.indianacommerce.com.

Sincerely,

Katherine L. Davis

Lieutenant Governor and

Director, Indiana Department of Commerce

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#### **Executive Summary**

Explosive export growth (37 percent annualized rate) in the fourth quarter pushed Indiana export sales for 2003 to a new record at \$16.4 billion. In all, Indiana exports increased by about \$1.5 billion or by 9.9 percent in 2003. The \$16.4 billion was about \$1 billion higher than the previous peak attained in 2000. Indiana was the 12th largest export state in 2003.

Indiana's 9.9 percent compared favorably to the performance of the United States and other important exporting states. Indiana's growth rate more than doubled the U.S. increase of about 4.4 percent. It also exceeded the growth rate of all the top 15 export states, except for Massachusetts (11.7 percent). The table below shows that Indiana's 2003 growth rate exceeded those of neighboring states:

Change (in percent)
9.9
8.5
7.7
7.4
3.1
1.2
-2.5

The state's largest trading partner, Canada, explained close to half of the increase in Indiana's export sales in 2003: Canada purchased \$639 million more from Indiana in 2003 than in 2002. France, Brazil and China contributed significantly to the increase with extraordinarily high growth rates, each reversing losses in 2002. Top trading partners United Kingdom and Mexico also purchased more from Indiana in 2003, respectively \$202 million and \$163 million. All top-10 country destina-

tions purchased more in 2003 from Indiana except the Netherlands and Japan. Korea and Singapore were not among the top 10 in 2003 because of declining purchases.

Machinery was the largest contributor to the increase in Indiana exports in 2003. It exported \$316 million more in 2003. The perennial number one exporting sector, Vehicles, followed with \$305 million more in exports. Iron and Steel, Pharmaceutical Products and Organic Chemicals also stood out among the top 10 exporting sectors with extraordinarily rapid growth in export sales in 2003. Exports of the three sectors grew 42 percent, 35 percent and 34 percent respectively in 2003. Among the top 10 industries, Plastic and Electrical Machinery were the only two to have declines.

#### Special Report:

#### Don't Give Up on Manufacturing Jobs Yet: Exports and Jobs in Indiana

This report examines the relationship between Indiana exports and manufacturing employment. We find that exports have been a stabilizing influence on manufacturing jobs in Indiana and may have prevented manufacturing employment from falling even more than it did over the time period from 1997 to 2001. We believe that manufacturing employment might have fallen by as much as 3,500 jobs more had it not been for export sales. While our data set does not allow us to directly measure the amount, an extrapolation of our methods would find even larger offsets for the period from 2001 to 2003. We estimate that in the near future, the export of manufactured goods should account for an additional 2,000 manufacturing jobs per year.



This underscores the importance of maintaining a globally competitive manufacturing sector in Indiana. While some new economic development initiatives would advocate a hastening of the evolution away from manufacturing in Indiana, such a direction would be harmful for at least two reasons. First, manufacturing exports create jobs. Too hasty a retreat would jeopardize that growth. Second, such new initiatives should not ignore the importance of exports in whatever manufacturing or services sectors they plan to promote. The world of business is becoming more global each day. No business sectors are free from international competition. Companies that are competitive globally stand a better chance of survival. We have true export champions among our base of Indiana manufacturing companies. These companies are models for other manufacturing and services businesses from which the rest can prosper and create new and better jobs.

#### **Trade Outlook for 2004**

When we did our trade outlook for 2003 one year ago, the impact of the war on terrorism was very uncertain and it was unclear how the United States and its main trading partners would come through these very challenging times. Forecasters predicted increasing growth for most countries in 2003. That scenario and our belief that a weakened dollar would improve U.S. exports led us to forecast a rise in Indiana exports of 5-10 percent.

With a year passed, we now know that the U.S. recovery was stronger than we anticipated. But we can't say the same about our main trading partners. Except for Japan, the GDP growth of most of Indiana's key trading partners was less than was fore-

casted a year ago. We also find ourselves today with a dollar that depreciated considerably over the past year. According to *The Economist* magazine (January 24, 2004, p. 93), the dollar depreciated by the following percentages from January 21, 2003 to January 21, 2004:

Country	Percent currency depre- ciation of the dollar
Australia	24
Brazil	19
Canada	16
Euro area	14
Britain	11
Japan	9
China	0
Mexico	0

A trade-weighted index (published by the St. Louis Federal Reserve Bank in International Economic Trends, found at http://research.stlouisfed.org/publications/iet/us/page2.pdf) shows that the dollar declined, on average, by about 5 percent in the past year against the currencies of our major trading partners.

What does all this mean for the coming year? The Organization for Economic Cooperation and Development (OECD), in their December 2003 OECD Economic Outlook, predicted stronger world economic growth and rising trade for 2004. They predicted that real GDP growth for OECD countries (the 30 largest countries in the world) in 2004 would be about 3 percent, following 2 percent growth in 2003. World trade, they believed, will rise by 7.8 percent in 2004 after increasing by 4 percent in 2003. The OECD is forecasting a major turnaround for U.S. exports to growing by 8.5 percent in 2004 after barely rising by 1 percent in 2003.



The outlook is not without risks. The very uneven economic strength across countries and the great trade imbalances threaten the possibility of unstable exchange rates and fluctuating oil prices. Much of the world's attention is focused on the U.S. government deficit and its changes over the coming year. Unexpected larger deficits that require increased international financing could trigger a dollar sell-off that could undermine the outlook for sustained world growth of output and trade.

Despite these risks, the OECD's best prediction is for stronger growth in 2004. Of the 30 countries for which they provide forecasts, only Japan is predicted to grow appreciably slower than in 2003 (Turkey also is predicted to have slower growth in 2004 – 4.9 percent relative to 5.0 percent in 2003). Consider some of the changes predicted in the growth rate of GDP (in percent):

Country	GDP 2003	Predicted GDP 2004
Australia	2.4	3.7
Canada	1.8	2.8
Germany	0.0	1.4
Ireland	1.8	3.6
Korea	2.7	4.7
Mexico	1.5	3.6
United Kingdom	1.9	2.7
United States	2.9	4.2
European Union	0.7	1.9

In summary, we see an improved year for Indiana exporters. The combination of improved prospects abroad, stronger world trade, and a weaker dollar suggest a kind of "perfect storm" for Indiana exporters. We look for Indiana export growth in 2004 in the range of 10 to 15 percent.



#### Indiana Exports 2003

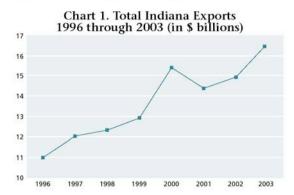
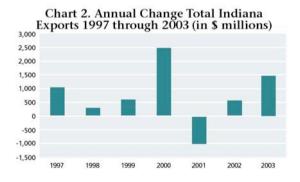


Chart 1 shows a steady growth of Indiana exports from 1996 to 2003. The growth momentum was maintained in 2003.

The trend is almost a straight line except for a spike in 2000, created by the historically large increase in 2000 and a correction in the following year.

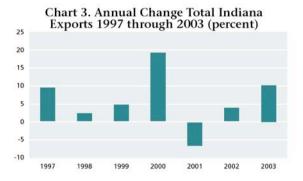
Indiana exports increased by about \$5.5 billion since 1996 – an increase of about 50 percent.



The absolute change of Indiana exports in 2003 was the second largest among all charted years, only after the unusual spike in 2000, as is shown in Chart 2.

The \$1.48 billion increase in 2003 almost doubled the average annual export increase from 1997 to 2003, valued at \$774 million.

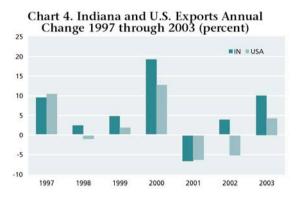
Year 2001 was the only year in which Indiana export sales declined. The decline in that year was \$1.02 billion.



As could be expected, the trend in percentage changes is very close to that of the absolute changes.

Year 2000 led the growth with a 19 percent increase and year 2003 and 1997 followed with gains of around 10 percent.

Growth in 2003 was well above the average annual increase from 1997 to 2003 of around 6 percent.



Indiana exports increased more rapidly than overall U.S. exports in 2003, as was true in most of the previous years.

Indiana exports lagged behind the U.S. only in 1997 and decreased by a larger margin than total U.S. exports in 2001.



Indiana exports saw positive growth while total U.S. exports declined in two years: 1998 and 2002.

Chart 5. Indiana and Selected States Exports in 2003 (in \$ billions)



Chart 5 pools Indiana's 2003 export sales with its six neighbors: Michigan, Illinois, Ohio, Tennessee, Wisconsin and Kentucky.

As with last year, Indiana's export sales—approximately \$16.4 billion—were in the middle of this group.

Michigan, Illinois and Ohio are much larger states with much higher export sales. Tennessee, Wisconsin and Kentucky had lower export sales than Indiana in 2003.

While Indiana's sales in 2003 were about \$16.5 billion less than Michigan's, they exceeded Kentucky's sales by \$5.7 billion.

Chart 6. Indiana and Selected States Exports per Manufacturing Worker 2003



Chart 6 reports export sales per manufacturing worker of Indiana and its six neighboring states.

While the ranking is largely unchanged from 2002, all states increased their export sales per manufacturing worker in 2003. The average export sales per manufacturing worker of the seven states increased to \$33,478 in 2003 from \$28,439 in 2002.

Indiana ranked in the middle in terms of total export sales but was surpassed by Tennessee and Kentucky in terms of export sales per manufacturing worker. Indiana's \$28,067 ranked sixth among these seven states in 2003, same as last year.

This ranking reflects Indiana's role as an intermediate goods manufacturing state. If much of Indiana's output is assembled and exported from other states, then Indiana's output becomes the export sales of other states. Thus, Indiana's export sales to manufacturing worker ratio might be low even though Indiana companies' products are heavily exported.

Chart 7. Indiana and Selected States Annual Change in Exports 2002 to 2003 (percent)



Chart 7 shows growth rates of export sales of these same seven states.

Indiana led the ENC+ region's export growth in 2003 with 9.9 percent increase.



The largest exporting state in the region, Michigan, was the only one to have a decline in export sales in 2003.

Behind Indiana with strong export growth rates were Tennessee (5.5 percent), Washington (7.7 percent) and Ohio (7.1 percent).

Chart 8. Indiana and Selected States Annual Change in Exports 1996 through 2003 (Value is export sales relative to value in 1996)

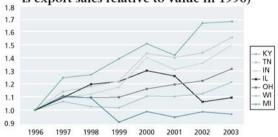


Chart 8 shows the growth trends of the seven states between 1996 and 2003. Year 1996 was used as the base year for each state. That is, each state's annual export figure is divided by its export sales in 1996. Thus each state had a value of 1.0 in 1996.

The two relatively small exporting states, Kentucky and Tennessee, had the fastest growth in export sales over the time period, staying above growth trend lines of all other states in almost all years.

Indiana had the third highest growth rate. It was the fourth largest at first but overtook Illinois in 2000 and remained above it and the other three states thereafter. It had the steepest last line segment in 2003, which indicates it had faster growth that year than all other states in the region.

### Indiana Export Destinations

Table 1: Top 10 Indiana Export Destinations: Value of Exports in 2003 Annual Percentage Change in 2002 and 2003, and Average Annual Percentage Change from 1996 to 2003 (in \$ and percent)

	Exports (in \$)	Annual Per	centage Cha	nge
	2003	2002-2003	2001-2002	1996-2003
Canada	7,458,458,160	9.4	10.0	5.3
Mexico	2,105,232,986	8.4	9.7	78.2
UK	1,208,717,871	20.1	7.0	13.8
France	921,652,050	44.5	-4.7	46.7
Japan	630, 199, 128	-11.8	1.9	-2.7
Germany	552,463,962	5.2	-5.2	8.0
Netherlands	288,786,198	-2.2	-3.8	0.1
Brazil	276,865,097	42.4	-33.1	9.5
Australia	238,899,577	4.9	-3.3	3.4
China	235,552,066	25.8	-6.5	7.3
World	16,402,279,302	9.9	3.9	7.0

Table 1 summarizes Indiana's exports to top country destinations in 2003.

The 2003 list of Indiana's Top 10 country destinations dropped Singapore and South Korea and included in it Brazil and China. The top five on the list held on to their positions except that Japan and France switched: France took the place of Japan and became the fourth largest country destination for Indiana.

Canada maintained its position as Indiana's number one country destination in 2003 with exports of about \$7.5 billion. That was a 9.4 percent increase from 2002. Indiana exports to Canada in 2003 were 3.5 times the value of the second largest country destination (Mexico) and almost 32 times that of the 10th largest export destination, China.

Indiana exports to South Korea dropped 4.4 percent year-on-year in 2003 and those to Singapore went down 9.0 percent and deleted them from the top-10 list. Other top 10 country destinations that had declines in 2003 were the Netherlands and Japan. Italy, Ireland, Switzerland, Israel and

Saudi Arabia were also on the decline list. Growth momentum came from France, the United Kingdom, Brazil, China, Spain and Belgium, each with two-digit increases.

Chart 9. Top 10 Indiana Export Destinations 2003 (percent)

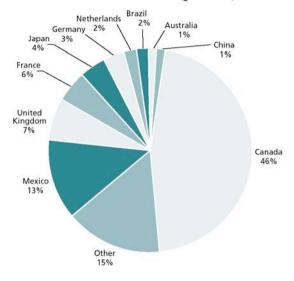


Chart 9 shows the division of Indiana exports to its top 10 country destinations and the rest of the world in 2003.

The top 10 purchased 85 percent of Indiana exports in 2003. Canada alone bought a dominant 46 percent of Indiana exports in 2003, up one percentage point from the previous year.

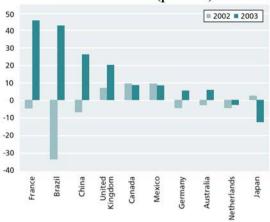
France increased its share by 2 percentage points while Japan, Germany and Australia each lost one percentage point. Except for dropouts and new additions, the shares of other top destinations didn't change much.

Chart 10 shows Indiana exports' percentage changes in 2002 and 2003 to the top 10 export destinations.

The largest percentage increases came from France, Brazil, China and the United Kingdom in 2003. Among these four countries,

dom in 2005. Among these four countri

Chart 10. Top 10 Indiana Export Destinations Annual Change in Exports 2002 and 2003 (percent)



the United Kingdom's increase was a continuation from the previous year and the rest were rebounds from declines in the previous year.

Canada, Mexico and the United Kingdom posted back-to-back increases. Japan returned to decline after a small increase in 2002. The Netherlands was the only one to post consecutive declines. The rest of the top 10 country destinations reversed their losing trends in the previous year.

Chart 11. Indiana Exports to Selected Export Destinations Annual Change in Exports 1996 through 2003 (Value is export sales relative to value in 1996)

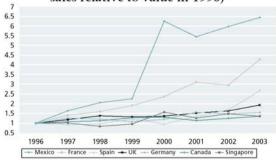


Chart 11 presents a long-term profile of Indiana export sales through 2003 to six of Indiana's top 10 export destinations and Spain (16th largest destination).



Mexico continued to dominate the picture with purchases of Indiana exports in 2003 that were 6.5 times its amount in 1996. The strong pace of sales that began in 2000 was largely sustained in 2002 and 2003.

At 4.3 times its value in 1996, France's purchase of Indiana exports was the second highest from among this group of countries.

The stellar performance of Mexico and France surpassed growth rates of the rest of the top country destinations charted. However, Spain stood out in 2003, its purchase increasing to 2.6 times that of 1996 in 2003 from 1.6 times in 2002.

Chart 12. Indiana Exports to Selected Export Destinations Annual Change in Exports 1996 through 2003 (Value is export sales relative to value in 1996)

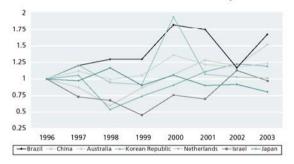


Chart 12 continues the focus on long-term export sales, showing the results for seven selected countries: South Korea, China, Brazil, Australia, Israel, the Netherlands and Japan.

Trend lines of the seven country destinations had more ups and downs and intersections than those on the previous chart, indicating volatile growth paths in Indiana exports to these seven countries. These include some of the countries that often drop in and out of the top-10 list of Indiana export destinations.

Eye-catching is the big spike in the trend line of the Netherlands in 2000 and the general decline of the trend lines of Japan and Israel. Japan and Israel were the only two that had levels lower than 1996 in 2003.

Chart 13. Indiana Exports to Selected Destinations Annual Change in Exports 1996 through 2003 (Value is export sales relative to value in 1996)

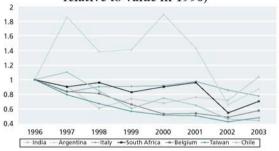


Chart 13 examines a group of seven destinations whose exports have generally declined since 1996 and/or were below their 1996 levels in 2003. These include Argentina, Italy, India, South Africa, Taiwan, Belgium and Chile.

Argentina stands out in the chart with an M-shaped curve high above the rest before 2002, which declined to below its 1996 level in 2002 and remained there despite a small rebound in 2003.

The rest of the seven countries were under their 1996 levels all along, except that India nudged to a little bit above its 1996 level in 2003. Chile was once above the level in 1997 but has declined ever since. Chile occupied the lowest position in 2003 among these seven countries.

Table 2: Top 10 Indiana Export Destinations: Largest Positive and Negative Export Sales Changes by Industry in 2003 (in \$ millions)

	MACH	PHRM	IRST	OCHM	MCHM	VECH	ELMA	RUBB
Canada						404		-18
Mexico	236					-112		
UK	-17			175				
France				119			-6	
Japan	31						-36	
Germany	-36				34			
Netherlands					11	-8		
Brazil	86						-12	
Australia		10					-6	
China			18	-6				

MACH Machinery MCHM Misc Chemicals PHRM Pharmaceutical Products VECH Vehicles/Not Railway IRST Iron and Steel **ELMA Electrical Machinery** OCHM Organic Chemicals RUBB Rubber

Table 2 identifies the largest changes in export sales by industries, both positive and negative, for the top 10 export destinations. These changes are measured in millions of dollars.

There are two entries for each country, one for the largest export sales increase and one for the largest decrease. In this way we clearly see the countries and industries that accounted most for change in 2003.

It can be read from the table that the biggest increases in Indiana exports to the top 10 country destinations came from Vehicles to Canada (\$404 million), Machinery to Mexico (\$236 million) and Organic Chemicals to the United Kingdom (\$175 million) and France (\$119 million).

The largest decline in Indiana exports sales to the top 10 country destinations came from Vehicles to Mexico, the only three-digit negative number in the table. Contributing to the losses were Machinery to

Germany (-\$36 million), Rubber to Canada (-\$18 million), Electrical Machinery to Japan (-\$36 million) and Brazil (-\$12 million) and Machinery to the United Kingdom (-\$17 million).

The size and number of entries in each column show the impact of each industry to the total change in Indiana exports in 2003. With five entries, the Machinery sector was important for significant change in five key country destinations. The entries range from the \$236 million increased exports to Mexico to the \$36 million decline to Germany. Electrical Machinery had four negative entries underscoring its role in suppressing Indiana's export performance. While Vehicles had only three entries in Table 2, it had two very large ones – increased exports of \$404 million to Canada and the \$112 million decrease in exports to Mexico. Organic Chemicals has two entries but both were very positive - increases to the United Kingdom and France, \$175 million and \$119 million, respectively.

### Indiana Export Industries

Table 3: Top 10 Indiana Export Industries: Value of Exports in 2003 Annual Percentage Change in 2002 and 2003, and Average Annual Percentage Change from 1996 to 2003 (in \$ and percent)

	Exports (in \$)	Percentage	Change	
	2003	2002-2003	2001-2002	1996-2003
Vehicles / Non Railway	4,446,280,752	7.4	6.0	7.3
Machinery	3,531,845,694	9.8	5.2	7.8
Electrical Machinery	1,312,833,708	-3.2	4.7	4.2
Organic Chemical	1,194,291,152	33.9	-1.9	15.9
Optic/Medical Inst	997,794,419	10.5	2.9	5.6
Pharmaceutical	735,939,994	34.6	12.8	4.8
Misc. Chemical	643,423,482	14.4	34.0	17.3
Plastic	622,022,872	0.0	1.2	5.2
Iron and Steel	298,082,528	42.0	6.0	9.4
Aluminum	212,796,830	2.4	-23.2	2.8

Table 3 shows Indiana top 10 industries' export sales in 2003 and sales changes in 2003, 2002 and from 1996 to 2003.

Vehicles and Machinery continued as Indiana's largest export industries with sales to the world in 2003 of about \$4.4 billion and \$3.5 billion respectively. The two industries held firm to their leadership positions by maintaining relatively rapid growth. The two industries had average annual growth rates of 7.3 percent and 7.8 percent per year respectively since 1996.

Top 10 industries with double-digit growth in 2003 were Iron and Steel (42 percent), Pharmaceutical Products (34.6 percent), Organic Chemicals (33.9 percent), Miscellaneous Chemicals (14.4 percent) and Optical/Medical Instruments (10.5 percent).

The only decline in 2003 was Electrical Machinery (- 3.2 percent).



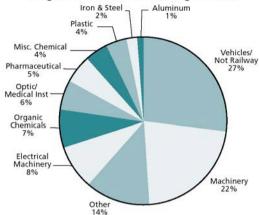


Chart 14 shows Indiana sales by industry—the percentage of total sales accounted for by each of the top 10 sectors. About 85 percent of all Indiana exports came from the top 10 in 2003. The percentage was two points higher than the previous year.

The three pillar sectors, Vehicles, Machinery and Electrical Machinery, made up 57 percent of Indiana's total exports in 2003. The situation was not much of a change from 2002.

Chart 15. Top 10 Indiana Export Industries Annual

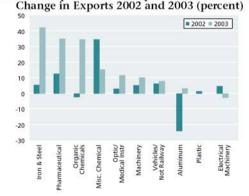


Chart 15 shows the percent changes in export sales in 2002 and 2003 for Indiana's top 10 export industries.



Iron and Steel, Pharmaceutical Products and Organic Chemicals had noticeable growth rates in 2003, following moderate increases or a small decline in the previous year. Miscellaneous Chemicals, which had the highest growth rate in 2002, continued the upward trend but slowed down its growth.

The rest of the top 10 industries either accelerated their growths or reversed their losing trends except Electrical Machinery, which turned around its gain in 2002.

Chart 16. Vehicle/Not Railway Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)

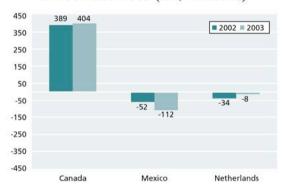


Chart 16 shows some of the largest changes (in millions of dollars) in Indiana export sales of Vehicles to three key country destinations in 2002 and 2003.

Indiana Vehicle exports to Canada maintained the growth trend of the previous year and increased another \$404 million in 2003.

But exports to Mexico and the Netherlands continued to decline in 2003. The decline to Mexico worsened in 2003.

Chart 17. Machinery Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)

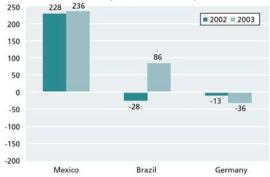


Chart 17 compares changes in Indiana Machinery exports to Mexico, Brazil and Germany in 2003.

Mexico was responsible for the largest gain in Indiana Machinery exports in 2003. The strong increase was a continuation from 2002.

Indiana Machinery exports to both Germany and Brazil declined in 2002. Brazil reversed the downward trend while Germany deepened the loss in 2003.

Chart 18. Electrical Machinery Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)

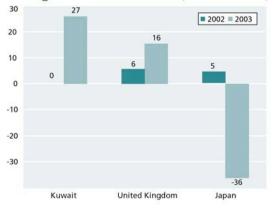


Chart 18 contrasts the big decline in Indiana Electrical Machinery exports to Japan with the from-scratch jump in exports to Kuwait.



Exports to the United Kingdom grew steadily increasing by another \$16 million in 2003. An upward trend was also shown in exports to South Korea, the Netherlands and China (not shown in the chart).

The sector as a whole languished in export sales in 2003. Indiana exports of Electrical Machinery to the world declined 3.2 percent in 2003.

Chart 19. Organic Chemicals Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)

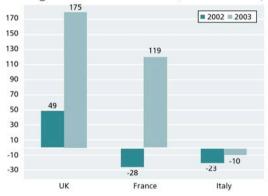


Chart 19 shows the varied experience of changes in Indiana Organic Chemicals exports to the United Kingdom, France and Italy in 2003.

The United Kingdom accelerated its expansion in 2002 even more in 2003. Another \$175 million more was exported to the United Kingdom in 2003.

Indiana exports of Organic Chemicals to both France and Italy declined in 2002. France turned the decline into a big increase in 2003, while Italy continued to lose, although the loss was a bit smaller in 2003.

Chart 20. Optic/Medical Instruments Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)

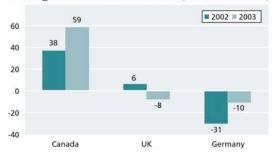


Chart 20 contrasts the big increase in Indiana exports of Optical and Medical Instruments to Canada with contractions to the United Kingdom and Germany in 2003.

Indiana exports to both Canada and the United Kingdom were on the rise in 2002 but Canada maintained the momentum while the United Kingdom turned into a minor decline.

Exports of Optical and Medical Instruments to Germany remained in the red in 2003 although the decline was smaller in 2003.

Chart 21. Pharmaceutical Products Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)

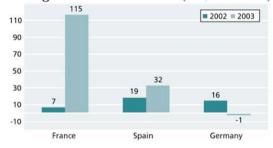


Chart 21 shows vividly the stellar performance of Indiana exports of Pharmaceutical Products to France. The state increased its sales of Pharmaceuticals to France by \$115 million in 2003.

This positive performance was joined by consecutive increases in exports to Spain and a small loss in those to Germany. Exports to all three country destinations rose in 2002.

Chart 22. Misc. Chemicals Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)

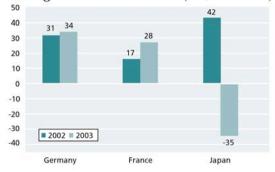
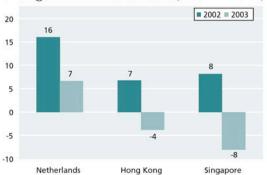


Chart 22 shows sources of big increases in Indiana exports of Miscellaneous Chemicals in 2003.

France and Germany continued to support growth in Indiana exports of Misc. Chemicals in 2003, increasing their purchases by a larger amount in 2003 than in 2002.

Indiana's fifth largest trading partner, Japan, on the other hand, decreased its purchases of Misc. Chemicals from the state by \$35 million, in sharp contrast with the increase of \$42 million in 2002.

Chart 23. Plastics Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)



Indiana exports of Plastics had a not-so-good year in 2003 with purchases from major trading partners either growing less rapidly or even declining, as is shown in chart 23.

The Netherlands increased its purchases by only \$7 million in 2003, compared with a \$16 million addition in 2002.

Major purchasers, Hong Kong and Singapore, bought less from the state in 2003 than in 2002.

Chart 24. Iron and Steel Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)

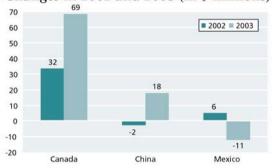
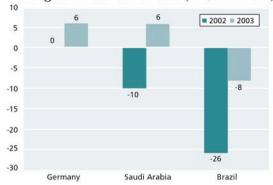


Chart 24 shows sustained growth in Indiana exports of Iron and Steel to Canada. Having increased by \$32 million in 2002, they grew by \$69 million in 2003.

China reversed a decline of the previous year and purchased \$18 million more in 2003. But Mexico bought \$11 million less in 2003, although there was an increased purchase of \$6 million in 2002.

Chart 25. Aluminum Indiana Export Sales to Key Destinations, Changes in 2002 and 2003 (in \$ millions)



Indiana Aluminum exports were on the rise in 2003, overcoming significant declines in the year before, as is shown in Chart 25.

Germany and Saudi Arabia each purchased \$6 million more Aluminum from Indiana in 2003. The increased Saudi purchase was in sharp contrast with a decline in 2002.

Major buyer Brazil remained reluctant to buy but the decline in purchase fell from \$26 million to \$8 million.

#### Statistical Note

## Conversion to HS (Harmonized Tariff Schedule) Data

Beginning in 2001, all of our reports use HS data for the exports of Indiana, other states and the nation. The changeover from the Standard Industrial Classification (SIC) data supplied by the Massachusetts Institute for Social and Economic Research is discussed in our report for the first quarter of 2001 and located at the following site: http://www.indianacommerce.com/ NewQuarterlyExportReport/2001/1stQtr/ Conversions.htm. The HS data is found in the World Trade Atlas U.S. State Export Edition, supplied by the U.S. Census Bureau and distributed by Global Trade Information Services, Inc. The HS and SIC code data have the same origin-shipper declaration forms.

## Appendix

## COLUMN REFERENCES TO QUARTERLY EXPORT DESTINATIONS AND INDUSTRIES REPORTS

COLUMN	DESCRIPTION <sup>1</sup>
1	Year-to-date total exports for current quarter in current year
2	Year-to-date total exports for current quarter in previous year
3	Total exports, current quarter
4	Total exports, one quarter previous to current quarter
5	Total exports, two quarters previous to current quarter
6	Total exports, three quarters previous to current quarter
7	Total exports, current quarter in previous year
8	Percentage of quarterly total, current quarter [(CUR QTR/CUR QTR TOT)*100]
9	Percentage of quarterly total, previous quarter [(CUR QTR-1/CUR QTR-1 TOT)*100]
10	Percentage of quarterly total, current quarter in previous year [(CUR QTR-4/CUR QTR-4 TOT)*100]
11	Annualized percentage change since previous quarter [((CUR QTR/CUR QTR-1)-1)*400]
12	Percentage change since four quarters [((CUR QTR/CUR QTR-4)-1)*100]
13	Dollar change since previous quarter [CUR QTR-CUR QTR-1]
14	Dollar change since four quarters [CUR QTR-CUR QTR-4]



<sup>&</sup>lt;sup>1</sup> All values in millions of U.S. dollars.

KPORT TINATION QTR					: ) 								Ŷ.	0
QTR		QUARTERLY EX	ERLY EXPORT	S (\$ VALUE	PORTS (\$ VALUES IN MILLIONS)	VS)¹		PCT OF	PCT OF QTRLY TOTAL (%)	'L (%)1	ANALYSIS	OF CHANGE	ANALYSIS OF CHANGE (\$VALUES IN MILLIONS)	MILLIONS)1
Canada	CUR YR	YTD LAST YR [2]	CURRENT QTR [3]	CURRENT QTR -1 [4]	CURRENT QTR -2 [5]	CURRENT QTR -3 [6]	CURRENT QTR 4 [7]	CURRENT QTR [8]	CURRENT QTR -1 [9]	CURRENT QTR -4 [10]	ANNUALIZED CHG (%) SINCE CUR QTR -1 [11]	CHG (%) SINCE CUR QTR -4 [12]	CHG (\$) SINCE CUR QTR -1 [13]	CHG (\$) SINCE CUR QTR -4 [14]
	7,458.458	6,819,278	1,884.767	1,670.522	2,096.824	1,806.345	1,727.334	42.09	43.68	45.45	51.30	9.11	214.246	157.433
Mexico	2,105.233	1,942.451	485.199	549.311	554.350	516.373	454.233	11.61	14.36	11.95	-46.69	6.82	(64.112)	30.966
France	921.652	637.645	274.048	200.271	197.711	249.621	188.738	92.9	5.24	4.97	147.35	45.20	73.777	85.310
United Kingdom	1,208.718	1,006.675	272.404	244.932	384.111	307.272	246.380	6.52	6.40	6.48	44.86	10.56	27.472	26.024
Japan	630.199	714.116	146.335	164.128	157.552	162.184	163.246	3.50	4.29	4.30	-43.36	-10.36	(17.792)	(16.910)
Germany	552.464	525.114	143.949	128.984	138.270	141.260	144.018	3.44	3.37	3.79	46.41	-0.05	14.965	(0.068)
Netherlands	288.786	295.308	75.332	53.867	86.330	73.258	62.421	1.80	1.41	1.64	159.39	20.68	21.465	12.911
Korean Republic	233.968	244.726	72.630	53.275	56.164	51.900	64.805	1.74	1.39	1.71	145.32	12.07	19.355	7.824
Brazil	276.865	194.430	71.833	71.105	86.409	47.519	57.837	1.72	1.86	1.52	4.09	24.20	0.727	13.996
China	235.552	187.176	64.175	53.149	71.145	47.083	54.550	1.54	1.39	1.44	82.98	17.64	11.026	9.625
Spain	188.244	120.427	57.150	36.292	41.925	52.878	20.990	1.37	0.95	7.3	229.89	12.08	20.858	6.160
Singapore	230.005	252.700	56.459	66.079	50.043	54.424	57.374	1.35	1.81	1.51		-1.60	(12.620)	(0.915)
Australia	238.900	227.750	53.098	59.027	980.09	689.99	56.450	1.27	1.54	1.49	٠	-5.94	(5.929)	(3.352)
Italy	140.452	152.302	38.337	39.255	34.057	28.803	33.875	0.92	1.03	0.89		13.17	(0.918)	4.463
Hong Kong	132.164	130.714	34.372	36.480	31.772	29.540	33.549	0.82	0.95	0.88	-23.11	2.45	(2.108)	0.823
Ireland	125.724	131.709	33.064	29.435	34.030	29.195	24.227	0.79	0.77	0.64	49.32	36.48	3.629	8.837
Belgium	142.159	118.330	32.146	36.900	40.573	32.539	33.566	0.77	96.0	0.88	-51.53	4.23	(4.754)	(1.420)
Sweden	104.188	96.96	27.802	22.806	26.498	27.082	24.838	19.0	09.0	0.65	87.62	11.93	4.996	2.964
Taiwan	82.878	80.613	22.234	20.281	26.430	16.932	21.605	0.53	0.53	0.57	38.53	2.91	1.954	0.629
Greece	34.515	24.630	19.221	3.503	4.026	7.765	12.027	0.46	0.09	0.32	1794.82	59.82	15.718	7.194
Austria	77.289	98.162	19.118	16.186	24.030	17.955	31.326	0.46	0.42	0.82	72.47	-38.97	2.933	(12.208)
Malaysia	52.369	39.348	18.508	14.448	11.576	7.837	8.590	0.44	0.38	0.23	112.38	115.45	4.059	9.917
Saudi Arabia	55.790	86.341	17.948	10.791	16.639	10.413	12.762	0.43	0.28	0.34		40.63	7.158	5.186
United Arab Emirates	36.278	19.889	15.363	10.015	8.021	2.879	6.217	0.37	0.26	0.16	213.59	147.13	5.348	9.147
India	53.829	37.697	15.349	16.703	13.723	8.054	9.379	0.37	0.44	0.25		63.66	(1.354)	5.970
Portugal	30.941	9.175	13.535	8.682	6.309	2.415	3.307	0.32	0.23	0.09	223.59	309.27	4.853	10.228
Denmark	39.630	29.570	12.136	11.793	8.800	6.901	8.527	0.29	0.31	0.22	11.64	42.32	0.343	3.608
Switzerland	40.016	44.113	11.194	10.889	9.183	8.750	8.509	0.27	0.28	0.22	11.20	31.55	0.305	2.684
Thailand	54.714	99.06	10.383	19.932	12.370	12.028	15.178	0.25	0.52	0.40	-191.63	-31.59	(9.549)	(4.795)
Hungary	42.036	16.941	10.281	7.408	10.597	13.749	6.093	0.25	0.19	0.16	155.10	68.75	2.873	4.188
OTHER	726.524	584.682	171.954	154.852	136.268	122.189	178.641	4.11	4.05	4.70	44.18	-3.74	17.102	(6.686)
TOTAL 1	16,402.279	14,923.049	4,180.325	3,824.300	4,435.825	3,961.829	3,800.591	100.00	100.00	100.00	37.24	9.99	356.025	379.734



4th/03	QUARTE	QUARTER USA EXI	EXPORT	DESTI	PORT DESTINATIONS REPOR	S REPO	<b>8</b> 1					₩		Industry Code
		OU.	QUARTERLY EXPORTS (\$ VALUES IN MILLIONS)	ORTS (\$ VALU	IES IN MILLION	IS)¹		PCT 0F	PCT OF QTRLY TOTAL (%)	[%]	ANALYSIS	ANALYSIS OF CHANGE (\$VALUES IN MILLIONS)	SVALUES IN I	IILLIONS) <sup>1</sup>
EXPORT DESTINATION QTR	CURYR [1]	YTD LAST YR [2]	CURRENT QTR [3]	CURRENT QTR -1 [4]	CURRENT QTR - 2 [5]	CURRENT QTR -3 [6]	CURRENT QTR 4 [7]	CURRENT QTR [8]	CURRENT QTR -1 [9]	CURRENT QTR 4 [10]	ANNUALIZED CHG (%) SINCE CUR QTR -1 [11]	CHG (%) SINCE CUR QTR 4 [12]	CHG (\$) SINCE CUR QTR -1 [13]	CHG (\$) SINCE CUR QTR 4 [14]
Canada	169,480.937	160,799.214	43,934.977	39,785.857	44,587.209	41,172.894	40,591.391	22.64	22.65	22.95	41.71	8.24	4,149.120	3,343.586
Mexico	97,457.420	97,530.613	26,444.457	24,424,437	23,886.876	22,701.650	25,202.011	13.63	13.90	14.25	33.08	4.93	2,020.020	1,242.446
Japan	52,063.765	51,439.625	13,377.032	12,717.418	13,422.262	12,547.053	12,651.624	6.89	7.24	7.15	20.75	5.73	659.614	725.408
China	28,418.493	22,052.679	9,510.339	6,217.075	6,224.634	6,466.446	6,113.337	4.90	3.54	3.46	211.89	55.57	3,293.265	3,397.003
United Kingdom	33,895.379	33,253.090	8,425.593	8,072.923	8,679,423	8,717.440	8,047.212	4.34	4.60	4.55	17.47	4.70	352.670	378.382
Germany	21,400.018	20,028.438	616.016,7	0,730.003	7,224,449	7,382.330	7,014.085	3.87	5.03	3.97	40.35	7.08	709.670	450.430
Korean Republic	24,098.587	72,595.8/1	6,476.069	5,695.219	5,876.912	6,050.387	5,829,434	8.35 8.50 8.00	3.24	3.30	¥.8	11.09	1 753 240	646.635
Teimer	47.467.909	10,334,472	5,973.091	4,720.343	2,004,040	074.476	4,430.330	0.00	2.09	70.7	07:00	24.03 47.30	040.007,1	200, 737
Laiwan	17,487,899	16,394,301	201.601.02	2 700 484	3,996.201	3,844.948	4,352.120	2.03	2.58	2.40	55 43	17.38	572.733	(20.767
Singapore	16,000,137	18,010,009	4,323,109	0,789.401 A 703.802	2 802 624	4,400.313	3,007,093	2.73	2.10	2.24	50.15	20.01-	023,000	08.570
Belgium	15,217,945	13 342 553	4,000.338	3,845,548	3 922 789	3 803 803	3,509,308	2.07	2.00	2.00	28.80	76.7	280,277	340 910
Hong Kong	13 542 088	12 611 555	3 813 111	3.443.484	3 202 671	3 082 823	3 169 641	1 96	196	179	42 94	20.30	369 627	643.470
Australia	13,103.840	13.083.949	3,309.257	3,685,161	3,255.857	2,853.566	3,417,901	171	2.10	1.93	-40.80	-3.18	(375.904)	(108.644)
Italy	10,570.070	10,088.982	3,116.364	2,189.985	2,724.465	2,539.256	2,797.355	1.61	1.25	1.58	169.20	11.40	926.379	319.009
Brazil	11,218.254	12,408.781	3,081.406	2,907.006	2,671.935	2,557.908	3,109.984	1.59	1.65	1.76	24.00	-0.92	174.401	(28.578)
Malaysia	10,920.575	10,348.148	3,018.336	2,858.505	2,791.083	2,252.650	2,326.699	1.56	1.63	1.32	22.37	29.73	159.831	691.638
Switzerland	8,660.100	7,781.909	2,127.548	2,159.349	2,447.233	1,925.970	2,018.625	1.10	1.23	1.14	-5.89	5.40	(31.801)	108.923
Thailand	5,841.663	4,859.500	1,941.588	1,239.638	1,258.620	1,401.816	1,335,113	1.00	0.71	0.75	226.50	45.42	701.950	606.475
Philippines	7,992.188	7,270.172	1,923.417	2,068.841	1,909.935	2,089.995	1,820.244	0.99	1.18	1.03	-28.12	2.67	(145.424)	103.173
Ireland	7,698.516	6,748.973	1,899.285	2,121.836	1,821.996	1,855.398	1,853.462	0.98	1.21	1.05	-41.95	2.47	(222.551)	45.824
Srael	6,878,432	7,039.342	1,820.473	1,589.830	1,581.474	1,876.655	1,879.650	0.94	0.91	1.06	25.17	-3.15	220.643	(59.177)
Spain	5,935.255	5,225.696	1,745.858	1,259.538	1,512.280	1,417.579	1,543.247	0.90	0.72	0.87	154.44	13.13	486.320	202.611
India	4,986.294	4,097.912	1,372.693	1,279.090	1,174.343	1,160.169	1,205.293	0.71	0.73	0.68	29.27	13.89	93.603	167.400
Saudi Arabia	4,595.968	4,778.472	1,153.399	1,154.763	1,180.660	1,107.146	1,321.823	0.59	99:0	0.75	-0.47	-12,74	(1.364)	(168.424)
Dominican Republic	4,213.555	4,261.556	1,041.756	1,048.503	1,043.836	1,079.460	1,037.650	0.54	0.60	0.59	-2.57	0.40	(6.748)	4.105
Colombia	3,754.726	3,588.760	1,004.622	928.679	874.352	917.072	922.692	0.52	0.55	0.52	19.17	8.88	45.943	81.930
Venezuela	2,839.505	4,446.856	985.426	803.154	561.179	489.747	1,009.604	0.51	0.46	0.57	80.78	-2.39	182.271	(24.178)
South Africa, Rep of	2,821.198	2,525.185	880.863	721.523	644.384	574.428	069.799	0.45	0.41	0.38	88.34	31.93	159.340	213.172
Sweden	3,225.451	3,154,154	862.072	741.033	774.949		761.094	0.44	0.42	0.43	65.33	13.27	121.038	100.978
OTHER	81,012.699	69,326.504	20,006.265	18,401.953	17,607.773	17,614.379	17,868.409	10.31	10.48	10.10	34.87	11.96	1,604.312	2,137.856
TOTAL	723,743.177	693,257.300	194,073.897	175,661.826	180,286.633	173,720.821	176,856.310	100.00	100.00	100.00	41.93	9.74	18,412.071	17,217.587



4th/03	4th/03 QUARTER IN	er ini	DIANA	EXPOR	EXPORT DATA	4				ALL (	COUNTRIES	TRIES		
		QUAR	QUARTERLY EXPORTS (\$ VALUES IN MILLIONS)	TS (\$ VALUE)	S IN MILLIONS	),		PCT 0F I	PCT OF QTRLY TOTAL (%)	1 (%) <sub>1</sub>	ANALYSIS	ANALYSIS OF CHANGE (\$ VALUES IN MILLIONS)	VALUES IN MI	LLIONS) <sup>1</sup>
INDUS I KY/SECTOR QTR	YTD CUR YR [1]	YTD LAST YR [2]	CURRENT QTR [3]	CURRENT QTR - 1 [4]	CURRENT QTR - 2 [5]	CURRENT QTR - 3 [6]	CURRENT QTR - 4 [7]	CURRENT QTR [8]	CURRENT QTR - 1 [9]	CURRENT QTR-4 [10]	ANNUALIZED CHG (%) SINCE CUR QTR - 1 [11]	CHG (%) SINCE CUR QTR - 4 [12]	CHG (\$) SINCE CUR QTR - 1 [13]	CHG (\$) SINCE CUR QTR - 4 [14]
87 VEHICLES, NOT RAILWAY	4,446.281	4,141.095	1,094.198	991.721	1,302.437	1,057.924	989.200	26.17	25.93	26.03	41.33	10.61	102.477	104.998
	3,531.846	3,215.394	935.839	873.070	896.817	826.119	900.008	22.39	22.83	21.29	28.76	15.68	65.769	126.833
	1,312.834	1,356.294	355.496	318.389	345.107	293.842	358.009	8.50	8.33	9.42	46.62	-0.70	37.107	(2.513)
29 ORGANIC CHEMICALS 90 OPTIC,NT 8544;MED INSTR	1,194,291	903.019	280.968	233.568	337.920	234.908	212.521	6.72	6.30	5.35	19.14	32.21	11,533	68.447
	735.940	546.578	208.374	159.513	153.330	214.723	192.495	4.98	4.17	5.06	122.53	8.25	48.861	15.879
	643.423	562.569	170.952	155.608	172.100	144.764	154.047	4.09	4.07	4.05	39.44	10.97	15.344	16.905
	622.023	622.234	154.123	140.486	164.957	162.457	163.082	3.69	3.67	4.29	38.83	-5.49	13.636	(8.959)
	298.083	209.862	65.650	62.608	96.590	73.235	62.973	1.57	1.64	99.	19.43	4.25	3.041	2.677
	202.768	205.716	46.717	50.967	53.270	51.814	49.874	1.12	8.3	E. 5	-33.35	-6.33	(4.250)	(3.157)
40 RUBBER	181.818	197.410	45.158	46.225	977.77	43.181	45.640	1.08	1.21	1.20	-9.23	-1.06	(1.067)	(0.482)
	707 707	20.022	45.310	53.004	62 155	54 813	50 124	0.1	1.30	1.13	78.05	14.7	9.209	7 3801
	144.525	132.749	39.928	39.750	35.726	29.122	35.914	0.96	1.04	0.94	1.79	11.17	0.178	4.013
88 AIRCRAFT, SPACECRAFT	125.962	66.649	39.822	16.150	40.363	29.626	12.628	0.95	0.42	0.33	586.30	215.34	23.672	27.193
44 WOOD	145.776	137.620	38.078	33.610	37.984	36.104	35.388	0.91	0.88	0.93	53.19	7.60	4.469	2.691
70 GLASS AND GLASSWARE	137.688	122.324	30.548	33.364	44.041	29.735	27.609	0.73	0.87	0.73	-33.77	10.64	(2.817)	2.938
	106.544	80.277	23.660	26.402	32.021	24.460	21.100	0.57	0.69	0.56	-41.55	12.13	(2.742)	2.560
83 MISC ART OF BASE METAL	106.002	122.684	23.029	24.930	29.157	28.886	26.657	0.55	0.65	0.70	-30.50	-13.61	(1.901)	(3.628)
	75.641	119.203	18.166	18.892	21.360	17.223	33.953	0.43	0.49	0.89	-15.37	46.50	(0.726)	(15.787)
35 ALBUMINS ; MOD STRCH; GLUE	53.969	47.443	15.066	14.728	11.659	12.515	11.385	0.38	0.39	0.30	9.20	32.33	0.339	3.681
82 TOOL, CUTLRY, OF BASE MTLS	53.302	45.355	14.426	13.938	13.840	11.097	11.604	0.35	0.36	0.31	14.00	24.32	0.488	2.822
23 FOOD WASTE; ANIMAL FEED	62.507	38.632	13.788	18.741	16.255	13.723	9.423	0.33	0.49	0.25	-105.70	46.33	(4.952)	4.366
	45.024	31.616	12.658	10.244	10.460	8.662	8.434	0.30	0.27	0.22	94.29	20.09	2.415	4.225
32 TANNING, DYE, PAINT, PUTTY	53.829	49.883	12.085	13.070	15.121	13.553	12.246	0.29	0.34	0.32	-30.16	-1.32	(0.986)	(0.162)
	48.366	62.568	10.805	11.416	12.913	13.231	16.630	0.26	0.30	0.44	-21.42	-35.03	(0.611)	(5.825)
34 SOAP,WAX,ET;DENTAL PREP	34.006	23.456	10.400	10.081	7.758	2.767	2.607	0.25	0.26	0.15	12.68	85.48	0.320	4.793
	26.596	36.191	9.980	7.303	4.140	5.173	18.542	0.24	0.19	0.49	146.66	-46.18	2.678	(8.562)
86 RAILWAY;TRF SIGN EQ	44.951	27.029	9.326	13.325	11.632	10.669	6.005	0.22	0.35	0.16	-120.05	55.30	(3.999)	3.321
OTHER	020:020	509.514	147.037	148.108	154.948	137.331	767°C01	3.41	3.8/	4.33	6/141-	-13.00	(0/4/0)	(010.77)
TOTAL	16,402.279	14,923.049	4,180.325	3,824.300	4,435.825	3,961.829	3,800.591	100.00	100.00	100.00	37.24	6.99	356.025	379.734



4th/03	4th/03 QUARTER US	ER US/	\ EXPC	EXPORT DATA	ΤA					ALL (	COUN	COUNTRIES	10	
		QUI	QUARTERLY EXPORTS (\$ VALUES IN MILLIONS)	RTS (\$ VALUE	S IN MILLIONS	1		PCT OF (	PCT OF QTRLY TOTAL (%)¹	۲(%) ا	ANALYSIS	ANALYSIS OF CHANGE (\$ VALUES IN MILLIONS)	VALUES IN MII	LIONS)1
INDUS IRY/SECTOR QTR	YTD CUR YR [1]	YTD LAST YR [2]	CURRENT QTR [3]	CURRENT QTR - 1 [4]	CURRENT QTR - 2 [5]	CURRENT QTR - 3 [6]	CURRENT QTR - 4 [7]	CURRENT QTR [8]	CURRENT QTR - 1 [9]	CURRENT QTR - 4 [10]	ANNUALIZED CHG (%) SINCE CUR QTR - 1 [11]	CHG (%) SINCE CUR QTR - 4 [12]	CHG (\$) SINCE CUR QTR-1 [13]	CHG (\$) SINCE CUR QTR - 4 [14]
84 MACHINERY	130,803.552	130,206.761	34,941.274	31,846.747	32,391.505	31,624.026	33,234.139	18.00	18.13	18.79	38.87	5.14	3,094.527	1,707.135
85 ELECTRICAL MACHINERY	112,597.864	110,450.745	31,070.936	28,263.176	27,203.949	26,059.803	27,455.193	16.01	16.09	15.52	39.74	13.17	2,807.760	3,615.743
87 VEHICLES, NOT RAILWAY	65,182.370	62,511.188	17,146.269	14,222.197	18,073.637	15,740.267	16,038.882	8.83	8.10	9.07	82.24	06.9	2,924.072	1,107.387
90 OPTIC,NT 8544;MED INSTR 88 AIRCRAET SPACECRAET	39 669 667	41,177,738	11,903.144	0,784.681	10,766.760	10,578.927	10,422.729	6.13	6.14	5.89	71.48	14.20	1,118.463	1,480,415
	28.932.307	27,204.085	7.367.680	7,304,341	7,209.501	7,050.785	6,817.789	3.80	4.16	3.85	3.47	8.07	63.340	549.891
29 ORGANIC CHEMICALS	23,205.787	19,434.378	6,281,989	5,653.678	5,646.008	5,624.112	5,149.978	3.24	3.22	2.91	44.45	21.98	628.311	1,132.011
98 SPECIAL OTHER	22,733.736	22,634.739	5,854.074	5,931.296	5,791.605	5,156.761	5,632.562	3.02	3.38	3.18	-5.21	3.93	(77.222)	221.511
12 MISC GRAIN, SEED, FRUIT	9,630.867	7,330.386	4,379,327	1,087.839	1,240.283	2,923.418	2,805.845	2.26	0.62	1.59	1210.28	26.08	3,291.488	1,573.482
71 PRECIOUS STONES, METALS	15,266.252	13,540.100	4,085.980	3,899.354	3,835.240	3,445.678	3,587.474	2.11	2.22	2.03	19.14	13.90	186.625	498.505
30 PHARMACEUTICAL PRODUCTS	15,939.359	13,073.452	4,013.463	3,944.169	4,169.649	3,812.077	3,612.612	2.07	2.25	2.04	7.03	11.10	69.293	400.850
	14,079.480	11,719.223	3,410.296	3,248.416	3,553.334	3,867.434	3,463.505	1.76	1.85	1.96	19.93	-1.54	161.881	(53.209)
10 CEREALS	10,679,775	10,245,011	3,154,637	2,850.047	2,283.014	2,392.078	2,824.771	1.63	1.62	1.60	42.75	11.68	304.590	329.866
38 MISC, CHEMICAL PRODUCTS	11,326.542	10,565,446	2,918.688	2,705.940	2,954.841	2,747.073	2,678.567	1.50	75.	1.51	31.45	8.96	212.749	240.122
48 PAPER, PAPERBOARD	10,672,454	10,337.358	2,719,795	2,643.619	2,703.770	2,605.270	2,594.008	1.40	1.50	1.47	11.53	4.85	76.176	125.787
73 IRONISTEEL PRODUCTS	8,700,000	8,003.017	7,000.588	1,961.182	7,705.880	2,012.142	7,032.281	1.08 1.08	1.12	6.1	20.07	797	725.406	24.307
40 PIBBED	6,700.009	5,910.900 6.446.833	1,632,304	1,739.200	1 704 352	1,471,712	1,403.007	0.84	0.00	8.0	14.41	4 10	58.475	500.497 67.574
	6.639.148	4,978.665	1,616.356	1,571,460	1,928.357	1,522,975	1,279.016	0.83	0.89	0.72	11.43	26.37	44.896	337.340
94 FURNITURE AND BEDDING	5,650.362	5,731.374	1,491,584	1,412.178	1,404,771	1,341.829	1,388.093	0.77	0.80	0.78	22.49	7.46	79.406	103.490
8 EDIBLE FRUIT AND NUTS	4,761.235	4,240.691	1,438.530	1,121.361	1,160.288	1,041.056	1,240.849	0.74	0.64	0.70	113.14	15.93	317.169	197.681
	5,229,146	3,982.675	1,424,295	1,108.334	1,420.408	1,276.110	969.557	0.73	0.63	0.55	114.03	46.90	315.961	454.738
28 INORG CHEM;RARE ERTH MT	6,087.560	5,937.500	1,408.928	1,517.187	1,527.552	1,633.893	1,450.282	0.73	98.0	0.82	-28.54	-2.85	(108.259)	(41.354)
	5,181.259	5,096.561	1,347.815	1,252.842	1,285.375	1,295.227	1,232.966	0.69	0.71	0.70	30.32	9.31	94.973	114.849
76 ALUMINUM	4,996.416	4,922.509	1,259.676	1,264.791	1,258.153	1,213.796	1,232.929	0.65	0.72	0.70	-1.62	2.17	(5.116)	26.747
33 PERFUMERY, COSMETIC, ETC	4,940.647	4,443.012	1,259.200	1,341.117	1,208.852	1,131.478	1,115.083	0.65	0.76	0.63	-24.43	12.92	(81.918)	144.117
49 BOOK+NEWSPAPR;MANUSCRPT	4,410.233	4,246.001	1,1/9.4//	1,766.203	1,053.854	1,000.699	1,085.364	0.61	0.00	0.61	4.35	9.67	13.274	3.13
95 TOYS AND SPORTS EQUIPMT	3,966.747	3,638.898	1,170.086	940.281	960.752	895.627	1,023.525	0.60	25.0	0.58	97.76	14.32	229.805	146.561
47 WOODPULP, ETC.	4,216.395	3,939.784	1,147,893	1,016.296	1,037.031	1,014.5/5	1,017.108	0.59	80.0	0.38	51.79	12.85	131.396	130.724
OTHER	86.975.762	83,337,935	22,458,898	21.820.400	21,733.075	20.963.390	1,026.390	11.57	12.42	11.78	11.70	7.83	638.498	1.630.054
TOTAI	771 743 177	693 257 300	194 073 897	175 661 826	180 286 633	173 720 821	176 856 310	100 00	100 00	100 00	41 93	72 6	18 412 071	17 217 587
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