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INTERNATIONAL COMPARISONS OF HOURLY COMPENSATION COSTS IN MANUFACTURING, 2006

Average hourly compensation costs in U.S. dollars for production workers in manufacturing among 33 foreign economies were 82 percent of the U.S. level in 2006, increasing from 79 percent in 2005, according to data issued by the Bureau of Labor Statistics, U.S. Department of Labor. Compensation costs relative to the United States rose or remained unchanged in 30 of the economies covered in 2006. (See table 1.) For the first time, this news release contains data for all employees in addition to the series for production workers. (See discussion on page 6, table B, and table 7.) Both production worker and all employee data are introduced for the Philippines. The all employee series covers most of the countries included in the production worker series, but also introduces Argentina and Slovakia which are not included in the latter series. A note on China's labor costs appears on page 4 of this release.

In the United States, hourly compensation costs for production workers in manufacturing were virtually unchanged at \$23.82 in 2006. When measured in national currency terms, trade-weighted average costs increased 2.6 percent in the combined 33 foreign economies in 2006. The value of foreign currencies rose 2.0 percent against the U.S. dollar, resulting in a rise in hourly compensation costs in the foreign economies of 4.7 percent on a U.S. dollar basis. (See chart 1 and table A.)

Chart 1. Hourly compensation costs in U.S. dollars for production workers in manufacturing, 1975-2006 Hourly costs (\$) 28 Europe Japan 24 20 Canada 16 United States 33 Foreign Economies 1 12 Asian NIEs 1,2 8 Mexico 0 1975 1980 1985 1990 1995 2000 2005

¹ Trade-weighted average ² The Asian NIEs are Hong Kong SAR, Republic of Korea, Singapore, and Taiwan.

Compensation costs for production workers expressed in U.S. dollars

This release provides manufacturing compensation data in terms of both national currencies and U.S. dollars. While data on a national currency basis show underlying wage and benefit trends within each country, frequent and sometimes sharp changes in currency exchange rates can have a large impact on compensation costs on a U.S. dollar basis. Data on a U.S. dollar basis are calculated by dividing compensation costs in the national currency by the exchange rate (expressed as national currency units per U.S. dollar). Compensation costs on a U.S. dollar basis are often used as indicators of competitiveness of manufactured goods in world trade and are the focus of the following discussion.

Compensation costs for production workers in manufacturing measured in U.S. dollars continued to rise in 2006 in most of the foreign economies—with only two countries, Japan and New Zealand, showing a decrease in costs. In addition, hourly compensation costs increased by less than one percent in two economies, Taiwan and Switzerland (0.2 percent and 0.6 percent, respectively). The rate of compensation increase in a trade-weighted average of the 33 foreign economies was 4.7 percent in 2006, below the 5.6 percent historical average for the series. (See table A and table 3.)

(U.S. = 100)

Chart 2. Indexes of hourly compensation costs in U.S. dollars for production workers in manufacturing, 2006

¹ For 2006, U.S. hourly compensation costs were \$23.82.

Canada

Mexico

² Trade-weighted average

United States 1

Although average costs in the United States continued to be higher than those in most of the economies covered outside of Europe, 14 of the 20 European countries covered had higher hourly compensation costs than the United States, in a few cases more than 40 percent higher. With the value of the euro remaining relatively stable against the U.S. dollar in 2006 (+0.9 percent), European labor costs measured in U.S. dollars showed much weaker growth than in the earlier years of this decade. The only European countries to have double-digit growth in hourly

Europe 2

Japan

All 33 foreign

economies 2

Asian NIEs 2

compensation costs on a U.S. dollar basis in 2006 were the Czech Republic and Poland (12.2 and 10.5 percent, respectively), both of which also experienced stronger appreciation of their national currencies against the dollar than the euro did.

Compensation costs in Europe, on average, continued to be almost \$5 higher on a per hour basis than in the United States. However, there is great variation in the level of compensation costs among the European countries covered. For example, hourly compensation costs in Europe ranged from \$4.99 in Poland to more than eight times that level in Norway (\$41.05), the highest labor cost country in these comparisons. (See table 2.)

Outside of Europe, only Canada and Australia had compensation costs higher than the United States when measured in U.S. dollars. In 2006, the lowest compensation costs relative to the United States were in Mexico and the Philippines (12 percent and 4 percent of the U.S. level, respectively).

Annual percent changes in manufacturing compensation costs measured in U.S. dollars also varied considerably in 2006. Hourly compensation costs in Brazil, the Republic of Korea, the Philippines, and Singapore all showed double-digit growth in 2006 (17.8, 15.5, 16.2, and 17.1 percent, respectively), boosted by an appreciation of their national currencies against the U.S. dollar. Japan and New Zealand were the only countries in these comparisons to show a decrease in hourly compensation costs measured in U.S. dollars (-6.2 and -3.3 percent, respectively), largely due to the depreciation of the Japanese yen and New Zealand dollar against the U.S. dollar.

A note on the measures

The hourly compensation costs measures in this news release are based on statistics available to BLS as of September 2007. These measures are prepared specifically for international comparisons of employer labor costs in manufacturing. The methods used, as well as the results, differ somewhat from those of other BLS series on U.S. compensation costs.

See the Technical Notes for further information regarding definitions, sources, and computation methods, as well as a description of the trade-weighted measures for economic groups.

The data for some countries may have been revised in later updates to reflect new or revised data provided to BLS subsequent to this news release. See International Comparisons of Hourly Compensation Costs for Production Workers and All Employees in Manufacturing, 22 Manufacturing Industries at http://www.bls.gov/fls/flshcindnaics.htm for the most recent data.

Exchange rates

The trade-weighted 2.0 percent increase in the value of the currencies of the 33 foreign economies against the U.S. dollar was the smallest increase since 2002 (0.4 percent), but well

above the average annual change since 1975 (-3.4 percent). The currencies of most economies appreciated in 2006, while the currencies of only seven economies—Mexico, Australia, Japan, New Zealand, Taiwan, Hungary, and Switzerland—depreciated against the dollar. (See table 5.)

The movements of the foreign currencies relative to the U.S. dollar in 2006 had an influence on hourly manufacturing compensation costs measured in U.S. dollars. Hourly compensation costs on a national currency basis in the 33 foreign economies rose 2.6 percent. However, when adjusted for the appreciation of the foreign currencies against the U.S. dollar, this increase in costs was magnified to 4.7 percent. The effect that exchange rate changes can have on hourly compensation costs is particularly evident when comparing the labor costs of New Zealand with those of the United States. On a national currency basis, the increase in hourly compensation costs in New Zealand (4.9 percent) was greater than the increase in the United States (0.1 percent). When adjusted for changes in exchange rates, however, the increase in costs on a U.S. dollar basis was significantly lower in New Zealand than in the United States (-3.3 percent versus 0.1 percent).

China

Acknowledging the importance of China as one of the United States' largest trading partners, BLS is including data for China in this release. Due to data limitations, data are presented separately and only for 2002-2004.

The compensation costs data presented for China are not directly comparable with the data for other countries found in this release. For a description of the methods used to construct the 2002 estimate and possible comparability issues, refer to Judith Banister's August 2005 article in the Monthly Labor Review found on the BLS website at http://www.bls.gov/opub/mlr/2005/08/art3full.pdf. In general the methods used to update the hourly compensation costs data to 2003 and 2004 are the same as the methods used in the Banister article and are described in a November 2006 article of the Monthly Labor Review at http://www.bls.gov/opub/mlr/2006/11/art4full.pdf.

China: Hourly Compensation Costs for All Employees in Manufacturing, 2002-2004

Year	National currency basis	U.S. dollar basis	Index
	(Yuan)	(US\$)	(United States = 100)
2002	4.73	0.57	3
2003	5.17	0.62	3
2004	5.50	0.67	3

Table A. Hourly compensation costs, in national currency and in U.S. dollars, for production workers in manufacturing and exchange rates (U.S. dollars per national currency unit) Percent change, 2005-2006

Percent change, 2005-2006									
Country or area	Hourly compensation, national currency	Exchange rates	Hourly compensation, U.S. dollars						
Americas United States Brazil Canada Mexico	0.1 5.2 .4 4.5	- 12.0 6.9 2	0.1 17.8 7.3 4.3						
Asia and Oceania Australia Hong Kong SAR ¹ Israel Japan Korea, Republic of New Zealand Philippines Singapore Sri Lanka Taiwan	5.4 2.2 4.5 9 7.7 4.9 8.1 11.7	-1.2 .1 .7 -5.3 7.3 -7.9 7.5 4.8 -	4.1 2.4 5.2 -6.2 15.5 -3.3 16.2 17.1						
Europe Austria Belgium Czech Republic Denmark Finland France Germany Greece Hungary Ireland Italy Luxembourg Netherlands Norway Poland Portugal Spain Sweden Switzerland United Kingdom	2.8 2.5 5.8 2.0 4.4 2.8 1.7 4.2 8.2 6.5 2.5 .8 .7 4.3 6.0 4.2 4.2 3.0 1.1 4.0	.9 6.0 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9	3.8 3.5 12.2 2.9 5.4 3.8 2.6 5.2 2.7 7.5 3.5 1.7 1.7 4.8 10.5 5.2 5.1 4.4 .6 5.3						
Trade-weighted measures ² All 33 foreign economies OECD ³ Europe Asian NIEs ⁴	2.6 2.3 2.9 5.8	2.0 1.9 .9 3.4	4.7 4.2 3.9 9.5						

Hong Kong Special Administrative Region of China.
 The 2005-2006 percent changes for the trade-weighted measures are based upon the changes for the countries or areas for which 2006 data are available.
 Organization for Economic Cooperation and Development.
 Asian NIEs refer to Hong Kong SAR, Republic of Korea, Singapore, and Taiwan.

Compensation costs for all employees

For the first time, this news release contains hourly compensation costs data for all employees in manufacturing in addition to the data for production workers. The all employee series begins with data for 1996. Production workers generally include those employees who are engaged in fabricating, assembly, and related activities. All employees include production workers as well as all others employed full or part time in an establishment. (See the technical notes beginning on page 9 for more detailed definitions of production workers and all employees.) The all employee series includes data for Argentina and Slovakia, two countries not covered by the production worker hourly compensation costs. Hong Kong SAR, Sri Lanka, Greece, and Luxembourg are not included in the all employee series as comparable data are not available.

As the final column in Table B shows, hourly compensation costs for all employees are higher than those for production workers in each economy covered by the two series, generally ranging from 10 percent to 25 percent higher than production worker hourly compensation costs. The difference between the two series depends not only upon the higher compensation of non-production workers than production workers, but also on the relative employment levels of the two worker groups; typically the larger the portion of all employees accounted for by production workers, the smaller the gap in compensation costs.

In the United States, hourly compensation costs for all employees in manufacturing were \$29.60 in 2006, 24 percent higher than production worker compensation costs. Only 7 of the 28 foreign economies covered by both the production worker and all employee hourly compensation costs series had a larger difference between the compensation levels of the two groups than the United States.

Although Australia was the only non-European economy to have higher hourly compensation costs than the United States in 2006 for all employees when measured in U.S. dollars (\$30.10), 12 of 18 European countries had higher compensation costs than the United States. The hourly compensation costs of both the new countries in the series, Argentina and Slovakia, were 22 percent of the United States level.

Since high labor costs countries such as Denmark, the Netherlands, Norway, and Sweden have smaller than average gaps between production worker and all employee hourly compensation costs, the range of European compensation costs narrowed when measured on an all employees basis (21 percent to 172 percent of the United States level for production workers versus 21 percent to 156 percent of the United States level for all employees).

Measuring compensation costs on an all employees basis changes the position of some countries relative to the United States. For example, production worker compensation costs in Italy were 5 percent higher than in the United States for 2006. However, the gap between production worker and all employee hourly compensation costs is much lower in Italy than in the United States (15 percent versus 24 percent in 2006), so when compensation costs are measured on all employee basis, Italy's costs are about 3 percent lower than the United States.

Table B. Hourly Compensation Costs of Production Workers and All Employees in Manufacturing, 2006

	US=	:100	U	US\$			
Country or area	Production Workers	All Employees	Production Workers	All Employees	(Production Workers= 100)		
Americas United States Argentina Brazil Canada Mexico	100 - 21 108 12	100 22 20 98 13	23.82 - 4.91 25.74 2.75	29.60 6.57 5.90 29.00 3.72	124 - 120 113 135		
Asia and Oceania Australia Hong Kong SAR ¹ Israel Japan Korea, Republic of New Zealand Philippines Singapore Sri Lanka Taiwan	110 24 54 85 62 61 4 36	102 - 49 82 57 54 5 46 -	26.14 5.78 12.98 20.20 14.72 14.47 1.07 8.55	30.10 - 14.37 24.40 16.87 16.08 1.36 13.55 - 7.95	115 - 111 121 115 111 127 158 - 124		
Europe Austria Belgium Czech Republic Denmark Finland France Germany Greece Hungary Ireland Italy Luxembourg Netherlands Norway Poland Portugal Slovakia Spain Sweden Switzerland United Kingdom	128 134 28 149 126 105 144 68 26 109 105 116 136 172 21 32 - 79 133 129 114	124 123 - 129 119 114 139 - 28 105 97 - 119 156 21 32 22 74 116 121	30.46 31.85 6.77 35.45 29.90 24.90 34.21 16.10 6.29 25.96 25.07 27.74 32.34 41.05 4.99 7.65 - 18.83 31.80 30.67 27.10	36.70 36.35 - 38.21 35.26 33.73 41.04 - 8.39 30.99 28.71 - 35.34 46.31 6.26 9.54 6.53 22.05 34.21 35.68 33.71	120 114 - 108 118 135 120 - 133 119 115 - 109 113 125 125 - 117 108 116 124		

¹ Hong Kong Special Administrative Region of China.

Additional data available

In addition to the compensation cost measures covered in this news release, supplementary tables are available for comparative levels of hourly compensation costs, hourly direct pay, pay for time worked, and the structure of compensation for production workers in manufacturing for all years from 1975 through 2006, and for all employees in manufacturing for all years from 1996 to 2006. Data also are available for national currency hourly compensation and exchange rates in the supplementary tables (http://www.bls.gov/fls).

BLS also computes comparative measures for 22 component manufacturing industries. Data for the component industries are not included in this release; in general, the data limitations for the component industries are greater than for total manufacturing. Data are available via the Internet (http://www.bls.gov/fls). This series is updated several times per year as data become available. The data for component industries currently are available on a North American Industry Classification System (NAICS) basis from 1992 to 2005.

For further information, contact the Office of Productivity and Technology by phone at 202-691-5654, by e-mail at flshc@bls.gov, or by mail at Bureau of Labor Statistics, 2 Massachusetts Avenue, NE, Room 2150, Washington, DC 20212.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: 202-691-5200; TDD message referral phone: 1-800-877-8339.

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TECHNICAL NOTES

The tables in this news release present international comparisons of hourly compensation costs for production workers and all employees in manufacturing in selected countries or areas. The total compensation measures are prepared by the Bureau of Labor Statistics in order to assess international differences in employer labor costs. For several reasons, the comparisons based on the more readily available average earnings statistics published by many countries can be misleading: national definitions of average earnings differ considerably; average earnings do not include all items of labor compensation; and the omitted items of compensation frequently represent a large proportion of total compensation.

The compensation measures in this news release are based on statistics available to BLS as of September 2007. These measures may be revised as data are collected to update compensation measures for component industries. Data for component industries are available at http://www.bls.gov/fls/flshcindnaics.htm.

For the first time, this news release contains data for all employees in addition to the series for production workers. The production worker series starts in 1975 and the all employee series in 1996. In addition, production worker and all employee data are introduced for the Philippines and all employee data are introduced for Argentina and Slovakia.

Definitions

Hourly compensation costs include (1) hourly direct pay and (2) employer social insurance expenditures and other labor taxes. Hourly direct pay includes all payments made directly to the worker, before payroll deductions of any kind, consisting of pay for time worked and other direct pay. Social insurance expenditures and other labor taxes include employer expenditures for legally required insurance programs, contractual and private benefit plans, and other labor taxes. Other labor taxes refer to taxes on payrolls or employment (or reductions to reflect subsidies), even if they do not finance programs that directly benefit workers, because such taxes are regarded as labor costs.

The BLS definition of hourly compensation costs is not the same as the International Labor Office (ILO) definition of total labor costs. BLS hourly compensation costs do not include all items of labor costs. The costs of recruitment, employee training, and plant facilities and services—such as cafeterias and medical clinics—are not included because data are not available for many countries. The labor costs not included account for no more than 2 percent of total labor costs in most countries for which the data are available.

Production workers generally include those employees who are engaged in fabricating, assembly, and related activities; material handling, warehousing, and shipping; maintenance and repair; janitorial and guard services; auxiliary production (for example, power plants); and other services closely related to the above activities. Working supervisors are generally included; apprentices and other trainees are generally excluded.

All employees include production workers as well as all others employed full or part time in an establishment during a specified payroll period. Temporary employees are included. Persons are considered employed if they receive pay for any part of the specified pay period. The self-employed, unpaid family workers, and workers in private households are also excluded.

Hourly Compensation Costs								
Hourly D	Employer Social Insurance Expenditures (both legally							
Pay for Time Worked	Other Direct Pay	required and contractual and private) and Other Labor Taxes						
 Basic wages Piece rate Overtime premiums Shift differentials Bonuses and premiums paid regularly Cost-of-living adjustments 	 Pay for time not worked (vacations, holidays, and other leave, except sick leave) Seasonal and irregular bonuses Social allowances Pay in kind 	 Retirement and disability pensions Health insurance Income guarantee insurance and sick leave Life and accident insurance Occupational injury and illness compensation Unemployment insurance Family allowances Other social insurance expenditures Taxes (or subsidies) on payrolls or employment 						

Data on Hourly Direct Pay, Pay for Time Worked, and Social Insurance Expenditures can be found in the supplementary tables to this news release at http://www.bls.gov/fls/hcompsupptabtoc.htm.

Methods

Total compensation is computed by adjusting each country's average earnings series for items of direct pay not included in earnings and for employer expenditures for legally required insurance, contractual and private benefit plans, and other labor taxes and subsidies. For the United States and other countries that measure earnings on an hours-paid basis, the figures are also adjusted in order to approximate compensation per hour worked.

Earnings statistics are obtained from surveys of employment, hours, and earnings or from surveys or censuses of manufactures. These surveys typically cover firms with a minimum of one to ten employees.

For most countries, adjustment factors are obtained from periodic labor cost surveys or censuses of manufacturers and interpolated or projected to non-survey years on the basis of other information. Generally, these surveys cover all employees in the establishment; survey data are used in both production worker and all employee series. Other information used includes tabulations of employer social security contribution rates provided by the International Social Security Association, information on contractual and legislated fringe benefit changes from labor bulletins, and statistical series on indirect labor costs. For the United States, the adjustment factors are specially constructed for international comparisons using data from several surveys. The methods used, as well as the results, differ somewhat from those for other BLS series on U.S. compensation costs.

The statistics are also adjusted, where necessary, to account for major differences in worker coverage; differences in industrial classification systems; and changes over time in survey coverage, sample benchmarks, or frequency of surveys. Nevertheless, some differences remain. Exceptions to these methods, as well as data sources can be found in "Country Notes and Sources" located at www.bls.gov/fls.

Exchange Rates and Currencies

Hourly compensation costs are converted to U.S. dollars using the average daily exchange rate for the reference period. The exchange rates used are prevailing commercial market exchange rates as published by either the U.S. Federal Reserve Board or the International Monetary Fund.

On January 1, 1999, several European countries joined the European Monetary Union (EMU): Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, Portugal, and Spain. Greece joined on January 1, 2001. There are currently other member countries of the EMU that are not covered in this report. Currencies of EMU members were established at fixed conversion rates to the euro, the official currency of the EMU. For the EMU countries data on hourly compensation costs are reported in euros and exchange rates for the EMU countries relate to euros per dollar for 1999 to the present; for the years 1975-1998, hourly compensation data are published in the old national currencies used in each country before the adoption of the euro. In order to include data on trends in national currency compensation costs and exchange rates for the entire time period, BLS converts national currency for 1975-1998 to a "euro" basis for calculation. The conversions for all years 1975-1998 are made using the official fixed conversion rates for 1999, with the exception of Greece which uses the official fixed conversion rate for 2001.

Industrial classification

The hourly compensation measures relate to manufacturing on a North American Industry Classification System (NAICS) basis. NAICS is the common industrial classification used by the United States, Canada, and Mexico. The NAICS definition of manufacturing differs somewhat from the definition of manufacturing used in other countries. Some industries that are not included in the NAICS definition of manufacturing, such as publishing of books and sound recordings, some repair and maintenance of equipment, and some business support services, are included in the definition of manufacturing in most other industrial classifications. In contrast, other industries are included in the NAICS definition of manufacturing but not in the definition of manufacturing for most foreign economies, such as some processing of foods, some packaging, and retail sales of bakery products from the production facility. Most of the differences other than the treatment of publishing are very minor and do not have a noticeable impact on overall manufacturing averages. BLS makes adjustments to remove publishing from manufacturing for the foreign economies in which it is classified as a part of manufacturing, except for Sri Lanka, for which the data necessary to remove publishing are not available. For the countries for which adjustments are made, the effect of publishing on manufacturing wages is estimated and removed using data from national sources or the United Nations Industrial Statistics Database, the International Labor Office (ILO), and other sources. Except for Hong Kong, the effect of removing publishing from manufacturing does not change the level of hourly compensation costs for any economy more than 1.5 percent, and the change is less than one

percent in most countries. For Hong Kong, the effect of the adjustments is 2 to 4 percent in several years.

Trade-weighted measures

The trade weights used to compute the average compensation cost measures for selected economic groups are weights based on the relative dollar value of U.S. trade in manufactured commodities (exports plus imports) with each country or area in 2004. (See the following table.) The trade data are compiled by the U.S. Census Bureau.

The only countries not covered in the trade-weighted measures of this report that accounted for as much as one percent of such trade in 2004 are China, India, Malaysia, and Thailand. Hourly compensation costs data for China are included in this report in a special text box. In addition, an article on manufacturing compensation costs in China is available on the BLS website at http://www.bls.gov/opub/mlr/2006/11/art4full.pdf. The compensation data on China are not directly comparable with the data for other countries found in this news release.

The countries included in the Organization for Economic Cooperation and Development (OECD) trade-weighted measure are Canada, Mexico, Australia, Japan, the Republic of Korea, New Zealand, and all European countries covered in the series. The group labeled "Euro Area" consists of the 12 European Union member countries in this release that have adopted the euro as the common currency as of January 1, 2001 (Austria, Belgium, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, and Spain). The group labeled "Europe" consists of the members of the Euro Area and the Czech Republic, Denmark, Hungary, Norway, Poland, Slovakia, Sweden, Switzerland, and the United Kingdom. The group labeled "Asian NIEs" consists of the four newly industrialized economies of Hong Kong SAR, the Republic of Korea, Singapore, and Taiwan.

The trade-weighted measures relate to all the countries or areas covered in the series. If data for the most recent year(s) are missing for a country, trade-weighted estimates are computed using the average percent change of all the other economies in the series to estimate the missing year(s). An economy is included in trade-weight series beginning with the start year of that economy's data series.

The trade-weighted average rates of change are computed as the trade-weighted arithmetic average of the rates of change for the individual countries or areas; the trade-weighted average hourly compensation costs are computed as the trade-weighted arithmetic average of cost levels for the individual countries or areas. Rates of change derived from the trade-weighted average hourly compensation cost levels need not be the same as the trade-weighted average rates of change.

Share of total U.S. imports and exports of manufactured products in 2004 (in percent)

Country or area and	2004 trade	Country or area and	2004 trade
economic group	share	economic group	share
Argentina	0.3	Greece	0.1
Brazil	1.7	Hungary	0.2
Canada	20.0	Ireland	1.9
Mexico	12.5	Italy	2.0
		Luxembourg	0.1
Australia	1.1	Netherlands	1.8
Hong Kong SAR ¹	1.3	Norway	0.2
Israel	1.2	Poland	0.1
Japan	9.4	Portugal	0.2
Korea, Republic of	3.7	Slovakia	0.1
New Zealand	0.2	Spain	0.7
Philippines	0.8	Sweden	0.8
Singapore	1.8	Switzerland	1.0
Sri Lanka	0.1	United Kingdom	3.8
Taiwan	2.9		
Austria	0.4	Economic Groups ²	
Belgium	1.5	33 Foreign	
Czech Republic	0.1	Economies	75.5
Denmark	0.3	OECD ³	66.2
Finland	0.3	Europe	22.4
France	2.7	Euro Area ⁴	16.1
Germany	5.6	Asian NIEs	9.1

¹ Hong Kong Special Administrative Region of China.

Data limitations

Because compensation is partly estimated, the statistics should not be considered as precise measures of comparative compensation costs. In addition, the figures are subject to revision as the results of new labor cost surveys or other data used to estimate compensation costs become available.

The comparative level figures in this report are averages for all manufacturing industries and are not necessarily representative of all component industries. In the United States and some

² Trade shares for Economic Groups refer to the country coverage of the production worker series. The relevant trade shares for the all employee series are: 31 Foreign Economies, 74.4; OECD, 66.1; Europe, 22.3; Euro Area, 15.9; Asian NIEs, 7.9.

³ Organization for Economic Cooperation and Development.

⁴ Euro Area consists of the European Union member countries in this release that have adopted the euro as the common currency as of January 1, 2001.

other countries, such as Mexico and Taiwan, differentials in hourly compensation cost levels by industry are fairly wide.

Labor costs versus labor income

The hourly compensation figures in U.S. dollars shown in the tables provide comparative measures of employer labor costs; they do not provide inter-country comparisons of the purchasing power of worker incomes. Prices of goods and services vary greatly among countries, and the commercial market exchange rates used to compare employer labor costs do not reliably indicate relative differences in prices. Purchasing power parities, that is, the number of foreign currency units required to buy goods and services equivalent to what can be purchased with one unit of U.S. or other base-country currency must be used for meaningful international comparisons of the relative purchasing power of worker incomes.

Total compensation converted to U.S. dollars at purchasing power parities would provide one measure for comparing relative real levels of labor income. It should be noted, however, that total compensation includes employer payments to funds for the benefit of workers in addition to payments made directly to workers. (For a few countries, the compensation measures also include taxes or subsidies on payrolls or employment even if they do not finance programs which directly benefit workers.) Payments into these funds provide either deferred income (for example, payments to retirement funds), a type of insurance (for example, payments to unemployment or health benefit funds), or current social benefits (for example, family allowances), and the relationship between employer payments and current or future worker benefits is indirect. On the other hand, excluding these payments would understate the total value of income derived from work because they substitute for worker savings or self-insurance to cover retirement, medical costs, etc.

Total compensation, because it takes account of employer payments into funds for the benefit of workers, is a broader income concept than either total direct earnings or direct spendable earnings. An even broader concept would take account of all social benefits available to workers, including those financed out of general revenues as well as those financed through employment or payroll taxes.

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Page 23	manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 8. ALL EMPLOYEES: Hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 9. ALL EMPLOYEES: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 10. ALL EMPLOYEES: Annual percent change in hourly compensation
Page 23 Page 24	manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 8. ALL EMPLOYEES: Hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 9. ALL EMPLOYEES: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 10. ALL EMPLOYEES: Annual percent change in hourly compensation costs in national currency in manufacturing, 32 countries or areas and selected
Page 23 Page 24 Page 25	manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 8. ALL EMPLOYEES: Hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 9. ALL EMPLOYEES: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 10. ALL EMPLOYEES: Annual percent change in hourly compensation costs in national currency in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006
Page 23 Page 24	manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 8. ALL EMPLOYEES: Hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 9. ALL EMPLOYEES: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 10. ALL EMPLOYEES: Annual percent change in hourly compensation costs in national currency in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 11. ALL EMPLOYEES: Annual percent change in exchange rates (U.S.
Page 23 Page 24 Page 25	manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 8. ALL EMPLOYEES: Hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 9. ALL EMPLOYEES: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 10. ALL EMPLOYEES: Annual percent change in hourly compensation costs in national currency in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 11. ALL EMPLOYEES: Annual percent change in exchange rates (U.S. dollars per national currency unit), 32 countries or areas and selected economic
Page 23 Page 24 Page 25 Page 26	manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 8. ALL EMPLOYEES: Hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 9. ALL EMPLOYEES: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 10. ALL EMPLOYEES: Annual percent change in hourly compensation costs in national currency in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 11. ALL EMPLOYEES: Annual percent change in exchange rates (U.S. dollars per national currency unit), 32 countries or areas and selected economic groups, selected years, 1996-2006
Page 23 Page 24 Page 25	manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 8. ALL EMPLOYEES: Hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 9. ALL EMPLOYEES: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 10. ALL EMPLOYEES: Annual percent change in hourly compensation costs in national currency in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006 Table 11. ALL EMPLOYEES: Annual percent change in exchange rates (U.S. dollars per national currency unit), 32 countries or areas and selected economic

Table 1. PRODUCTION WORKERS: Indexes of hourly compensation costs in manufacturing, 34 countries or areas and selected economic groups, selected years, 1975-2006

Country or area	1975	1980	1985	1990	1995	2000	2003	2004	2005	2006
Americas										
UNITED STATES	100	100	100	100	100	100	100	100	100	100
BRAZIL	_	_	_	_	_	18	12	14	17	21
CANADA	99	92	88	110	96	84	87	94	101	108
MEXICO	24	23	12	11	10	11	11	11	11	12
Asia and Oceania										
AUSTRALIA	91	88	64	88	89	73	88	101	105	110
HONG KONG SAR (1)	12	16	14	22	28	28	25	24	24	24
ISRAEL	33	35	29	52	55	58	52	52	52	54
JAPAN	48	57	49	85	137	112	90	95	90	85
KOREA, REPUBLIC OF	5	10	10	25	42	42	43	47	54	62
NEW ZEALAND	53	56	36	57	60	43	52	59	63	61
PHILIPPINES	_	-	_	_	5	4	4	4	4	4
SINGAPORE	14	16	20	26	45	37	32	32	31	36
SRI LANKA	5	2	2	2	3	2	2	2	2	-
TAIWAN	6	11	12	26	35	32	25	26	27	27
Europe										
AUSTRIA	73	92	60	120	147	97	113	123	123	128
BELGIUM	94	122	65	120	150	102	118	130	129	134
CZECH REPUBLIC	<i>9</i> 1	122	-	120	150	15	21	24	25	28
DENMARK	101	112	63	123	146	109	132	146	145	149
FINLAND	82	89	65	141	132	91	108	120	119	126
FRANCE	73	92	59	104	112	79	92	101	101	105
GERMANY	/ 3	94	59 -	104	175	115	133	143	140	144
	- 27	39	29	45	53	39	53	63	64	68
GREECE	27	39		45	16	39 14	21	25	26	
HUNGARY			- 49							26
IRELAND	57 75	67		82	82	68	88	98	101	109
ITALY	75	84	60	119	96 127	74 89	90	102	102	105
LUXEMBOURG	101	119	58	107	137		102	113	115	116
NETHERLANDS	107	125	69	121	140	98	122	133	134	136
NORWAY	112	123	82	147	145	115	146	157	165	172
POLAND	-	- 01	- 10	- 0.4	-	14	16	17	19	21
PORTUGAL	25	21	12	24	30	23	28	30	31	32
SPAIN	41	61	36	76	74	54	67	75	75	79
SWEDEN	115	129	75	140	126	105	118	130	128	133
SWITZERLAND	98	114	75	139	168	107	124	131	128	129
UNITED KINGDOM	54	78	49	84	80	86	95	107	108	114
Trade-weighted measures										
All 33 Foreign Economies										
(2,3)	62	68	52	80	87	69	72	78	79	82
OECD (4)	67	73	56	85	92	74	78	85	86	90
Europe	80	99	61	114	124	91	107	117	117	121
Euro Area (5)	82	101	62	117	132	92	109	119	119	123
Asian NIEs (6)	8	12	13	25	39	36	33	35	37	42

⁽¹⁾ Average of selected manufacturing industries.

⁽²⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽³⁾ The trade-weighted measures for production workers in this table are not directly comparable with those for all employees later in this release; the country coverage of the two series differs slightly.

⁽⁴⁾ Organization for Economic Cooperation and Development.

⁽⁵⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁶⁾ The Asian NIEs are Hong Kong SAR, the Republic of Korea, Singapore, and Taiwan.

Table 2. PRODUCTION WORKERS: Hourly compensation costs in U.S. dollars in manufacturing, 34 countries or areas and selected economic groups, selected years, 1975-2006

Country or area	1975	1980	1985	1990	1995	2000	2003	2004	2005	2006
Americas										
UNITED STATES	6.16	9.63	12.71	14.81	17.17	19.65	22.48	23.13	23.81	23.82
BRAZIL	-	-	_	-	_	3.50	2.74	3.14	4.16	4.91
CANADA	6.11	8.87	11.20	16.33	16.50	16.48	19.60	21.85	23.98	25.74
MEXICO	1.46	2.20	1.59	1.57	1.70	2.07	2.44	2.44	2.64	2.75
Asia and Oceania										
AUSTRALIA	5.60	8.44	8.18	13.09	15.36	14.41	19.79	23.38	25.11	26.14
HONG KONG SAR (1)	0.75	1.50	1.73	3.22	4.80	5.45	5.54	5.51	5.65	5.78
ISRAEL	2.02	3.41	3.65	7.69	9.41	11.41	11.62	12.01	12.34	12.98
JAPAN	2.97	5.46	6.27	12.59	23.47	21.93	20.32	21.95	21.54	20.20
KOREA, REPUBLIC OF	0.32	0.95	1.23	3.70	7.29	8.23	9.69	10.81	12.74	14.72
NEW ZEALAND	3.27	5.44	4.55	8.48	10.35	8.38	11.69	13.65	14.97	14.47
PHILIPPINES	J.27	J.11 -	-	-	0.94	0.77	0.79	0.84	0.92	1.07
SINGAPORE	0.84	1.54	2.55	3.78	7.65	7.30	7.23	7.47	7.30	8.55
SRI LANKA	0.28	0.22	0.28	0.35	0.48	0.48	0.51	0.52	0.54	-
TAIWAN	0.38	1.03	1.51	3.91	5.99	6.19	5.69	5.98	6.42	6.43
111111111111111111111111111111111111111	0.50	1.03	1.51	3.71	3.77	0.10	3.03	3.70	0.12	0.15
Europe										
AUSTRIA	4.50	8.87	7.57	17.72	25.26	19.12	25.42	28.39	29.36	30.46
BELGIUM	5.76	11.74	8.21	17.85	25.68	20.13	26.55	30.01	30.79	31.85
CZECH REPUBLIC	-	-	_	-	2.53	3.01	4.72	5.45	6.04	6.77
DENMARK	6.23	10.83	8.03	18.29	25.02	21.43	29.63	33.68	34.45	35.45
FINLAND	5.06	8.61	8.30	20.84	22.60	17.84	24.35	27.80	28.38	29.90
FRANCE	4.49	8.90	7.47	15.35	19.24	15.43	20.74	23.29	24.00	24.90
GERMANY	-	-	_	-	30.10	22.67	29.93	33.09	33.34	34.21
GREECE	1.69	3.72	3.65	6.69	9.05	7.67	11.86	14.65	15.31	16.10
HUNGARY	-	-	_	-	2.69	2.74	4.79	5.68	6.13	6.29
IRELAND	3.51	6.44	6.22	12.11	14.14	13.28	19.79	22.67	24.15	25.96
ITALY	4.64	8.09	7.56	17.68	16.53	14.47	20.29	23.57	24.23	25.07
LUXEMBOURG	6.21	11.48	7.43	15.90	23.45	17.41	22.83	26.18	27.26	27.74
NETHERLANDS	6.58	12.05	8.73	17.98	24.03	19.35	27.52	30.82	31.80	32.34
NORWAY	6.90	11.80	10.47	21.76	24.84	22.56	32.73	36.41	39.17	41.05
POLAND	_	_	_	-	_	2.81	3.52	3.84	4.51	4.99
PORTUGAL	1.53	1.99	1.48	3.61	5.14	4.49	6.18	6.96	7.27	7.65
SPAIN	2.52	5.86	4.64	11.30	12.70	10.66	15.14	17.25	17.92	18.83
SWEDEN	7.12	12.40	9.58	20.75	21.62	20.68	26.42	30.08	30.46	31.80
SWITZERLAND	6.03	10.96	9.55	20.63	28.89	20.95	27.79	30.21	30.50	30.67
UNITED KINGDOM	3.35	7.52	6.22	12.46	13.71	16.84	21.29	24.82	25.72	27.10
Trade-weighted measures										
All 33 Foreign Economies										
(2,3)	3.83	6.51	6.62	11.85	14.88	13.57	16.15	17.94	18.82	19.58
OECD (4)	4.14	7.01	7.08	12.62	15.87	14.62	17.59	19.59	20.55	21.35
Europe	4.91	9.53	7.74	16.82	21.25	17.85	23.97	27.04	27.75	28.76
Euro Area (5)	5.04	9.70	7.74	17.30	22.70	18.04	24.55	27.57	28.24	29.21
Asian NIEs (6)	0.49	1.16	1.62	3.71	6.64	7.08	7.50	8.05	8.91	9.93
1.5.2411 11.115 (0)	0.10	1.10	1.02	J. / ±	0.01	, . 00	, . 50	5.05	0.71	,,,,

⁽¹⁾ Average of selected manufacturing industries.

⁽²⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽³⁾ The trade-weighted measures for production workers in this table are not directly comparable with those for all employees later in this release; the country coverage of the two series differs slightly.

⁽⁴⁾ Organization for Economic Cooperation and Development.

⁽⁵⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁶⁾ The Asian NIEs are Hong Kong SAR, the Republic of Korea, Singapore, and Taiwan.

Table 3. PRODUCTION WORKERS: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 34 countries or areas and selected economic groups, selected years, 1975-2006

Country or area	1975- 2006(1	1975-) 1980	1980- 1985	1985- 1990	1990- 1995	1995- 2000	2000- 2006	2004	2005	2006
Americas										
UNITED STATES	4.5	9.3	5.7	3.1	3.0	2.7	3.3	2.9	2.9	.1
BRAZIL	_	_	_	_	_	_	5.8	14.6	32.5	17.8
CANADA	4.7	7.7	4.8	7.8	.2	.0	7.7	11.5	9.8	7.3
MEXICO	2.1	8.5	-6.3	2	1.5	4.0	4.9	.0	8.1	4.3
Asia and Oceania										
AUSTRALIA	5.1	8.6	6	9.9	3.3	-1.3	10.4	18.1	7.4	4.1
HONG KONG SAR (2)	6.8	14.8	2.8	13.2	8.3	2.6	1.0	6	2.6	2.4
ISRAEL	6.2	11.0	1.4	16.1	4.1	3.9	2.2	3.4	2.7	5.2
JAPAN	6.4	13.0	2.8	14.9	13.3	-1.3	-1.4	8.0	-1.8	-6.2
KOREA, REPUBLIC OF	13.1	24.3	5.2	24.6	14.6	2.4	10.2	11.5	17.8	15.5
NEW ZEALAND	4.9	10.7	-3.5	13.3	4.1	-4.1	9.5	16.8	9.7	-3.3
PHILIPPINES			_			-4.1	5.8	6.7	9.5	16.2
SINGAPORE	7.8	12.9	10.6	8.2	15.1	9	2.7	3.3	-2.3	17.1
SRI LANKA	2.2	-5.0	5.2	4.7	6.4	.0		1.9	4.7	
TAIWAN	9.5	21.8	8.0	21.0	8.9	.7	.6	4.9	7.5	. 2
1112/12/12	2.3	21.0	0.0	21.0	0.5	• 1		,		
Europe										
AUSTRIA	6.4	14.5	-3.1	18.5	7.4	-5.4	8.1	11.7	3.4	3.8
BELGIUM	5.7	15.3	-6.9	16.8	7.5	-4.8	8.0	13.1	2.6	3.5
CZECH REPUBLIC	_	_	_	_	_	3.5	14.5	15.4	10.8	12.2
DENMARK	5.8	11.7	-5.8	17.9	6.5	-3.0	8.7	13.7	2.3	2.9
FINLAND	5.9	11.2	7	20.2	1.6	-4.6	9.0	14.2	2.1	5.4
FRANCE	5.7	14.6	-3.4	15.5	4.6	-4.3	8.3	12.3	3.1	3.8
GERMANY	_	_	_	_	_	-5.5	7.1	10.6	. 7	2.6
GREECE	7.6	17.2	4	12.9	6.2	-3.3	13.2	23.5	4.5	5.2
HUNGARY	_	_	_	_	_	. 4	14.8	18.7	7.8	2.7
IRELAND	6.7	12.9	7	14.2	3.1	-1.2	11.8	14.6	6.5	7.5
ITALY	5.6	11.8	-1.3	18.5	-1.3	-2.6	9.6	16.1	2.8	3.5
LUXEMBOURG	4.9	13.1	-8.3	16.4	8.1	-5.8	8.1	14.7	4.1	1.7
NETHERLANDS	5.3	12.9	-6.2	15.6	6.0	-4.2	8.9	12.0	3.2	1.7
NORWAY	5.9	11.3	-2.4	15.8	2.7	-1.9	10.5	11.2	7.6	4.8
POLAND	_	_	_	_	_	_	10.0	9.3	17.3	10.5
PORTUGAL	5.3	5.4	-5.8	19.6	7.3	-2.7	9.3	12.5	4.5	5.2
SPAIN	6.7	18.4	-4.6	19.5	2.4	-3.4	10.0	14.0	3.9	5.1
SWEDEN	4.9	11.8	-5.0	16.7	.8	9	7.4	13.8	1.3	4.4
SWITZERLAND	5.4	12.7	-2.7	16.7	7.0	-6.2	6.6	8.7	1.0	.6
UNITED KINGDOM	7.0	17.5	-3.7	14.9	1.9	4.2	8.2	16.6	3.6	5.3
Trade-weighted measures										
All 33 Foreign Economies										
(3,4)	5.6	12.1	. 2	11.6	4.9	2	6.0	9.2	6.4	4.7
OECD (5)	5.4	11.7	4	11.2	4.4	3	6.5	9.7	6.0	4.2
Europe	6.0	14.3	-3.9	16.6	4.5	-2.7	8.5	13.2	2.9	3.9
Euro Area (6)	5.9	13.9	-4.0	17.0	5.1	-4.2	8.6	12.6	2.7	3.6
Asian NIEs (7)	10.2	20.2	6.7	19.0	12.2	1.3	4.7	6.5	9.0	9.5
IDIAL NIED (//	10.2	20.2	0.,	17.0	14.4	1.5	1. /	0.5	٥.٥	٠.5

Dash means data not available.

^{(1) 1975-2005} for Sri Lanka.

⁽²⁾ Average of selected manufacturing industries.

⁽³⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽⁴⁾ The trade-weighted measures for production workers in this table are not directly comparable with those for all employees later in this release; the country coverage of the two series differs slightly.

⁽⁵⁾ Organization for Economic Cooperation and Development.

⁽⁶⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁷⁾ The Asian NIEs are Hong Kong SAR, the Republic of Korea, Singapore, and Taiwan.

Table 4. PRODUCTION WORKERS: Annual percent change in hourly compensation costs in national currency in manufacturing, 34 countries or areas and selected economic groups, selected years, 1975-2006

Country or area	1975- 2006(1)	1975- 1980	1980- 1985	1985- 1990	1990- 1995	1995- 2000	2000- 2006	2004	2005	2006
Americas										
UNITED STATES	4.5	9.3	5.7	3.1	3.0	2.7	3.3	2.9	2.9	.1
BRAZIL	-	-	_	-	-	-	8.8	9.0	10.3	5.2
CANADA	5.1	10.8	8.1	4.5	3.5	1.6	3.0	3.6	2.2	. 4
MEXICO	27.0	22.5	51.8	61.1	19.7	12.4	7.4	4.6	4.3	4.5
Asia and Oceania										
AUSTRALIA	7.0	11.6	9.6	7.5	4.3	3.6	5.8	4.6	3.7	5.4
HONG KONG SAR (2)	8.4	14.9	12.5	13.2	8.2	2.7	.9	6	2.4	2.2
ISRAEL	41.3	68.3	200.9	29.2	12.8	10.4	3.7	1.8	2.9	4.5
JAPAN	3.2	7.0	3.9	4.1	3.8	1.4	1	.8	1	9
KOREA, REPUBLIC OF	15.6	30.0	13.1	19.6	16.5	10.6	7.1	7.1	5.4	7.7
NEW ZEALAND	7.0	15.7	10.4	9.2	2.1	3.1	3.3	2.3	3.4	4.9
PHILIPPINES	_	-	_	_	_	6.9	8.4	10.3	7.7	8.1
SINGAPORE	6.4	10.6	11.2	4.1	9.6	3.0	1.3	. 2	-3.8	11.7
SRI LANKA	11.7	12.7	16.2	13.1	11.7	8.5	-	6.8	3.9	-
TAIWAN	9.0	20.5	10.2	11.8	8.5	4.1	1.3	1.8	3.5	1.4
Europe										
AUSTRIA	4.8	7.9	6.4	5.1	4.9	2.3	2.7	1.7	3.3	2.8
BELGIUM	5.2	10.1	7.3	4.1	4.9	3.0	2.6	2.9	2.5	2.5
CZECH REPUBLIC	_	-	_	-	_	11.6	4.7	5.2	3.3	5.8
DENMARK	5.9	11.3	6.9	5.9	4.4	4.4	3.3	3.5	2.4	2.0
FINLAND	6.8	11.5	9.9	9.2	4.4	3.0	3.5	3.9	2.0	4.4
FRANCE	6.4	14.3	12.3	4.5	2.8	2.7	2.9	2.2	3.0	2.8
GERMANY	-	_	-	-	_	2.2	1.7	.6	. 7	1.7
GREECE	15.2	23.9	26.0	16.0	14.6	6.0	7.7	12.4	4.4	4.2
HUNGARY	_	-	_	_	_	18.1	9.3	7.3	6.2	8.2
IRELAND	7.8	14.7	13.3	4.6	3.8	5.1	6.2	4.3	6.4	6.5
ITALY	8.6	18.0	15.8	8.0	4.9	2.4	4.1	5.7	2.7	2.5
LUXEMBOURG	4.5	8.0	5.6	3.8	5.4	1.9	2.7	4.4	4.0	. 8
NETHERLANDS	4.0	7.6	3.9	2.5	3.3	3.7	3.5	1.9	3.1	. 7
NORWAY	6.6	10.1	9.1	8.6	3.0	4.8	4.8	5.9	2.8	4.3
POLAND	-	-	-	-	-	-	4.0	2.8	3.8	6.0
PORTUGAL	11.8	20.7	20.5	15.2	8.4	4.8	3.8	2.4	4.4	4.2
SPAIN	9.6	23.8	13.4	7.9	6.5	3.9	4.5	3.7	3.8	4.2
SWEDEN	6.9	12.2	9.5	8.3	4.7	4.2	3.6	3.5	3.0	3.0
SWITZERLAND	3.0	3.3	5.0	4.1	3.5	.7	1.4	.5	1.2	1.1
UNITED KINGDOM	7.6	16.5	8.2	7.8	4.5	5.0	4.8	4.0	4.3	4.0
Trade-weighted measures										
All 33 Foreign Economies										
(3,4)	10.0	14.9	18.4	15.4	7.6	4.7	3.7	3.3	2.8	2.6
OECD (5)	9.7	13.9	15.8	15.8	7.5	4.6	3.8	3.3	2.7	2.3
Europe	6.1	12.2	8.8	5.7	4.5	3.5	3.4	2.8	2.9	2.9
Euro Area (6)	5.9	11.8	9.1	5.2	4.5	3.0	3.2	2.5	2.6	2.7
Asian NIEs (7)	11.0	21.6	11.8	13.6	11.8	6.2	3.5	3.2	2.7	5.8

Dash means data not available.

^{(1) 1975-2005} for Sri Lanka.

⁽²⁾ Average of selected manufacturing industries.

⁽³⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽⁴⁾ The trade-weighted measures for production workers in this table are not directly comparable with those for all employees later in this release; the country coverage of the two series differs slightly.

⁽⁵⁾ Organization for Economic Cooperation and Development.

⁽⁶⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁷⁾ The Asian NIEs are Hong Kong SAR, the Republic of Korea, Singapore, and Taiwan.

Table 5. PRODUCTION WORKERS: Annual percent change in exchange rates (U.S. dollars per national currency unit), 34 countries or areas and selected economic groups, selected years, 1975-2006

Country or area	1975- 2006(1	1975- 1) 1980	1980- 1985	1985- 1990	1990- 1995	1995- 2000	2000- 2006	2004	2005	2006
Americas										
UNITED STATES	_	_	_	_	_	_	_	_	_	_
BRAZIL	_	_	_	_	_	_	-2.8	5.1	20.2	12.0
CANADA	4	-2.7	-3.1	3.2	-3.2	-1.6	4.6	7.6	7.4	6.9
MEXICO	-19.6	-11.5	-38.3	-38.0	-15.2	-7.5	-2.4	-4.4	3.7	2
Asia and Oceania										
AUSTRALIA	-1.8	-2.7	-9.3	2.2	-1.0	-4.7	4.4	12.9	3.6	-1.2
HONG KONG SAR (2)	-1.5	1	-8.6	.0	.1	1	.1	.0	.1	.1
ISRAEL	-24.8	-34.1	-66.3	-10.2	-7.7	-5.9	-1.5	1.6	1	.7
JAPAN	3.1	5.6	-1.1	10.5	9.1	-2.7	-1.3	7.1	-1.7	-5.3
KOREA, REPUBLIC OF	-2.2	-4.4	-6.9	4.2	-1.7	-7.4	2.9	4.1	11.8	7.3
NEW ZEALAND	-2.0	-4.3	-12.6	3.7	1.9	-7.0	6.0	14.2	6.1	-7.9
PHILIPPINES	-	-	_	-	_	-10.3	-2.4	-3.3	1.7	7.5
SINGAPORE	1.3	2.1	5	3.9	5.1	-3.9	1.4	3.1	1.6	4.8
SRI LANKA	-8.5	-15.7	-9.5	-7.5	-4.8	-7.8	-	-4.6	. 7	-
TAIWAN	.5	1.1	-2.0	8.2	.3	-3.2	7	3.1	3.9	-1.2
Europe										
AUSTRIA	1.5	6.1	-9.0	12.8	2.4	-7.5	5.3	9.9	.1	.9
BELGIUM	. 4	4.7	-13.2	12.2	2.5	-7.6	5.3	9.9	.1	.9
CZECH REPUBLIC	_	-	-	-	-	-7.2	9.3	9.8	7.3	6.0
DENMARK	1	. 4	-11.9	11.4	2.0	-7.1	5.3	9.8	1	.9
FINLAND	8	3	-9.7	10.1	-2.6	-7.4	5.3	9.9	.1	.9
FRANCE	6	.3	-14.0	10.5	1.8	-6.8	5.3	9.9	. 1	. 9
GERMANY	_	-		_	-	-7.5	5.3	9.9	. 1	. 9
GREECE	-6.6	-5.4	-21.0	-2.7	-7.3	-8.7	5.1	9.9	.1	.9
HUNGARY	_			_	_	-14.9	5.0	10.7	1.6	-5.1
IRELAND	-1.1	-1.5	-12.3	9.2	7	-6.1	5.3	9.9	.1	.9
ITALY	-2.7	-5.3	-14.8	9.8	-6.0	-4.9	5.3	9.9	.1	.9
LUXEMBOURG	. 4	4.7	-13.2	12.2	2.5	-7.6	5.3	9.9	.1	.9
NETHERLANDS	1.2	4.9	-9.8	12.7	2.6	-7.6	5.3	9.9	.1	. 9
NORWAY	7	1.1	-10.5	6.6 -	3	-6.4 -	5.4 5.8	5.0 6.3	4.6 13.0	.5 4.3
PORTUGAL	-5.8	-12.7	-21.9	3.8	-1.0	-7.1	5.8	9.9	.1	4.3
SPAIN	-3.6 -2.7	-12.7	-21.9 -15.9	10.8	-1.0 -3.9	-7.1 -7.1	5.3	9.9	.1	.9
SWEDEN	-2.7	-4.3 4	-13.9	7.8	-3.9 -3.7	-7.1 -4.9	3.7	10.0	-1.6	1.3
SWITZERLAND	2.4	9.0	-7.4	12.0	3.3	-6.9	5.1	8.2	2	6
UNITED KINGDOM	6	.9	-11.0	6.6	-2.4	8	3.3	12.1	6	1.3
Trade-weighted measures All 33 Foreign Economies										
(3,4)	-3.4	-2.0	-12.4	4	-2.2	-4.6	2.2	5.7	3.5	2.0
OECD (5)	-3.4	-1.7	-12.2	7	-2.5	-4.6	2.6	6.2	3.2	1.9
Europe	2	2.0	-11.6	10.4	.1	-5.9	4.9	10.1	.1	.9
Euro Area (6)	1	2.0	-11.8	11.3	.6	-7.0	5.3	9.9	.1	.9
Asian NIEs (7)	6	-1.0	-4.5	4.8	. 4	-4.5	1.2	3.1	6.0	3.4

Dash means data not available.

- (1) 1975-2005 for Sri Lanka.
- (2) Average of selected manufacturing industries.
- (3) For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽⁴⁾ The trade-weighted measures for production workers in this table are not directly comparable with those for all employees later in this release; the country coverage of the two series differs slightly.

⁽⁵⁾ Organization for Economic Cooperation and Development.

⁽⁶⁾ Euro Area referes to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁷⁾ The Asian NIEs are Hong Kong SAR, the Republic of Korea, Singapore, and Taiwan.

Table 6. PRODUCTION WORKERS: Hourly compensation costs in national currency units in manufacturing and exchange rates, 34 countries or areas, 2006

Country or area	Compensation costs	Exchange Rates
Americas UNITED STATES BRAZIL CANADA MEXICO	10.66 29.19	1.000 2.174 1.134 10.91
Asia and Oceania AUSTRALIA HONG KONG SAR (1) ISRAEL JAPAN KOREA, REPUBLIC OF NEW ZEALAND. PHILIPPINES. SINGAPORE. SRI LANKA. TAIWAN	44.92 57.86 2350 14049 22.28 54.90 13.57	1.327 7.768 4.457 116.3 954.3 1.540 51.25 1.588
EUrope AUSTRIA. BELGIUM. CZECH REPUBLIC. DEMMARK. FINLAND. FRANCE. GERMANY. GREECE. HUNGARY. IRELAND. ITALY. LUXEMBOURG. NETHERLANDS. NORWAY. POLAND. PORTUGAL SPAIN. SWEDEN. SWITZERLAND. UNITED KINGDOM.	25.35 153.1 210.6 23.80 19.82 27.23 12.82 1324 20.66 19.96 22.08 25.74 263.2 15.47 6.09 4.99 234.4 38.43	.7960 .7960 22.60 5.942 .7960 .7960 .7960 .7960 .7960 .7960 .7960 6.410 3.103 .7960 .7960 .7960 7.372 1.253

(1) Average of selected manufacturing industries.

National currency units are: United States, dollar; Brazil, real; Canada, dollar; Mexico, peso; Australia, dollar; Hong Kong SAR, dollar; Israel, new shekel; Japan, yen; Republic of Korea, won; New Zealand, dollar; Philippines, peso; Singapore, dollar; Sri Lanka, rupee; Taiwan, dollar; Austria, euro; Belgium, euro; Czech Republic, koruna; Denmark, krone; Finland, euro; France, euro; Germany, euro; Greece, euro; Hungary, forint; Ireland, euro; Italy, euro; Luxembourg, euro; Netherlands, euro; Norway, krone; Poland, zloty; Portugal, euro; Spain, euro; Sweden, krona; Switzerland, franc; United Kingdom, pound.

Note: For data for all years 1975-2006, see the supplementary tables to this news release at http://www.bls.gov/fls.

Table 7. ALL EMPLOYEES: Indexes of hourly compensation costs in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006

Country or area	1996	1998	2000	2002	2004	2005	2006
Americas							
UNITED STATES	100	100	100	100	100	100	100
ARGENTINA	33	34	33	11	15	18	22
BRAZIL	32	29	17	11	13	17	20
CANADA	85	78	75	69	83	89	98
	10	10	12	13	12	12	13
MEXICO	10	10	12	13	12	12	13
Asia and Oceania							
AUSTRALIA	89	77	69	66	95	98	102
ISRAEL	51	53	52	46	46	46	49
JAPAN	109	90	103	81	89	86	82
KOREA, REPUBLIC OF	42	28	38	37	43	49	57
NEW ZEALAND	57	45	38	37	52	56	54
PHILIPPINES	6	4	4	4	4	4	5
SINGAPORE	53	49	47	44	45	44	46
TAIWAN	31	27	30	25	25	26	27
Europe							
AUSTRIA	135	114	93	92	118	119	124
BELGIUM	124	107	90	91	116	118	123
CZECH REPUBLIC	15	15	14	17	22	24	-
DENMARK	_	107	92	95	122	124	129
FINLAND	112	94	81	84	111	112	119
FRANCE	126	109	88	85	109	110	114
GERMANY	-	125	108	107	137	135	139
HUNGARY	15	15	14	19	26	27	28
IRELAND	75	70	62	68	97	99	105
ITALY	95	84	67	68	93	93	97
NETHERLANDS	_	103	85	89	118	117	119
NORWAY	_	116	102	116	142	149	156
POLAND	_	15	14	15	17	19	21
PORTUGAL	30	28	23	23	30	30	32
SLOVAKIA	_	13	11	12	18	20	22
SPAIN	70	61	51	52	70	70	74
SWEDEN	116	103	89	85	112	110	116
SWITZERLAND	147	122	99	102	122	120	121
UNITED KINGDOM	77	90	87	86	106	108	114
Trade-weighted measures							
All 31 Foreign Economies		60	6 F				П.С
(1,2)	70	68	65	60	73	75	78
OECD (3)	75	72	69	65	79	81	85
Europe	99	100	86	87	112	112	116
Euro Area (4)	104	103	87	88	114	114	118
Asian NIEs (5)	41	32	37	35	37	40	44

⁽¹⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽²⁾ The trade-weighted measures for all employees in this table are not directly comparable with those for production workers earlier in this release; the country coverage of the two series differs slightly.

⁽³⁾ Organization for Economic Cooperation and Development.

⁽⁴⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁵⁾ The Asian NIEs are Republic of Korea, Singapore, and Taiwan.

Table 8. ALL EMPLOYEES: Hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006

Country or area	1996	1998	2000	2002	2004	2005	2006
Americas							
UNITED STATES	22.13	23.14	24.64	27.03	28.98	29.75	29.60
ARGENTINA	7.32	7.87	8.05	2.98	4.47	5.45	6.57
BRAZIL	7.13	6.69	4.31	3.07	3.81	5.01	5.90
CANADA	18.91	17.97	18.57	18.65	24.03	26.57	29.00
MEXICO	2.32	2.37	2.89	3.44	3.33	3.57	3.72
TEXT CO	2.32	2.57	2.00	3.11	3.33	3.37	3.72
Asia and Oceania							
AUSTRALIA	19.75	17.71	17.01	17.88	27.43	29.18	30.10
ISRAEL	11.35	12.21	12.77	12.34	13.43	13.80	14.37
JAPAN	24.05	20.92	25.42	21.86	25.68	25.68	24.40
KOREA, REPUBLIC OF	9.37	6.49	9.43	10.05	12.39	14.60	16.87
NEW ZEALAND	12.58	10.43	9.31	10.11	15.17	16.64	16.08
PHILIPPINES	1.27	0.91	0.97	1.00	1.07	1.17	1.36
SINGAPORE	11.78	11.39	11.58	11.97	13.11	13.14	13.55
TAIWAN	6.91	6.31	7.35	6.84	7.26	7.87	7.95
TAIWAN	0.91	0.31	7.33	0.04	7.20	7.07	1.93
Europe							
AUSTRIA	29.86	26.48	23.01	24.78	34.05	35.27	36.70
BELGIUM	27.48	24.67	22.30	24.53	33.56	35.01	36.35
CZECH REPUBLIC	3.40	3.52	3.37	4.57	6.52	7.24	50.55
DENMARK	3.40	24.75	22.55	25.60	35.39	36.77	38.21
FINLAND	24.74	21.78	20.03	22.60	32.15	33.36	35.26
FRANCE	27.93	25.11	21.66	23.08	31.67	32.59	33.73
	47.93		26.56				
GERMANY		28.98		28.95	39.67	40.05	41.04
HUNGARY	3.39	3.44	3.54	5.04	7.49	8.15	8.39
IRELAND	16.68	16.29	15.30	18.44	28.02	29.53	30.99
ITALY	20.93	19.32	16.57	18.43	26.99	27.75	28.71
NETHERLANDS	_	23.78	21.04	24.12	34.06	34.76	35.34
NORWAY	_	26.90	25.04	31.32	41.16	44.28	46.31
POLAND	_	3.50	3.40	4.06	4.80	5.66	6.26
PORTUGAL	6.65	6.49	5.60	6.28	8.68	9.07	9.54
SLOVAKIA	_	2.91	2.61	3.25	5.21	5.82	6.53
SPAIN	15.58	14.21	12.48	14.11	20.19	20.97	22.05
SWEDEN	25.61	23.74	21.82	22.90	32.59	32.70	34.21
SWITZERLAND	32.55	28.18	24.42	27.71	35.21	35.56	35.68
UNITED KINGDOM	17.13	20.87	21.38	23.15	30.86	32.26	33.71
Trade-weighted measures							
All 31 Foreign Economies							
(1,2)	15.46	15.72	16.02	16.34	21.14	22.27	23.24
OECD (3)	16.51	16.71	17.05	17.49	22.79	23.99	25.03
Europe	21.84	23.16	21.21	23.41	32.35	33.24	34.31
Euro Area (4)	22.92	23.90	21.44	23.70	33.16	33.97	35.04
Asian NIEs (5)	9.04	7.48	9.17	9.36	10.78	11.98	13.09

⁽¹⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽²⁾ The trade-weighted measures for all employees in this table are not directly comparable with those for production workers earlier in this release; the country coverage of the two series differs slightly.

⁽³⁾ Organization for Economic Cooperation and Development.

⁽⁴⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁵⁾ The Asian NIEs are Republic of Korea, Singapore, and Taiwan.

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Table 9. ALL EMPLOYEES: Annual percent change in hourly compensation costs in U.S. dollars in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006

Country or area	1996- 2006	1996- 2000	2000- 2006	2003	2004	2005	2006
Americas UNITED STATES ARGENTINA BRAZIL CANADA MEXICO	3.0 -1.1 -1.9 4.4 4.8	2.7 2.4 -11.8 4 5.7	3.1 -3.3 5.4 7.7 4.3	4.3 21.6 5.0 15.1 -2.2	2.8 23.1 18.2 12.0 8	2.7 22.1 31.6 10.6 7.2	5 20.6 17.8 9.1 4.1
Asia and Oceania AUSTRALIA. ISRAEL. JAPAN. KOREA, REPUBLIC OF. NEW ZEALAND. PHILIPPINES. SINGAPORE. TAIWAN.	4.3 2.4 .1 6.1 2.5 .7 1.4	-3.7 3.0 1.4 .2 -7.2 -6.4 4	10.0 2.0 7 10.2 9.5 5.8 2.6 1.3	29.2 6.0 9.0 10.5 28.5 .4 5.9	18.7 2.7 7.8 11.5 16.8 6.7 3.5 4.6	6.4 2.8 .0 17.8 9.7 9.5 .2 8.5	3.2 4.1 -5.0 15.5 -3.3 16.2 3.1
Europe AUSTRIA. BELGIUM. CZECH REPUBLIC. DENMARK. FINLAND. FRANCE. GERMANY. HUNGARY. IRELAND. ITALY. NETHERLANDS. NORWAY. POLAND. PORTUGAL. SLOVAKIA. SPAIN. SWEDEN. SWITZERLAND. UNITED KINGDOM.	2.1 2.8 8.7 - 3.6 1.9 - 9.5 6.4 3.2 - - 3.7 - 3.5 2.9 .9	-6.3 -5.12 -5.1 -6.2 - 1.1 -2.1 -5.74.25.4 -3.9 -6.9 5.7	8.1 8.5 - 9.2 9.9 7.7 7.5 15.5 12.5 9.6 9.0 10.8 10.7 9.3 16.5 10.0 7.8 6.5 7.9	23.1 21.7 22.5 24.6 23.8 22.5 23.2 24.5 29.2 26.1 25.5 18.1 7.5 22.8 35.0 25.6 25.5 16.9 14.9	11.6 12.4 16.4 10.9 14.9 12.0 11.2 19.5 17.6 16.1 12.5 11.3 9.9 12.5 18.6 14.0 13.4 8.7 16.0	3.6 4.3 11.0 3.9 3.8 2.9 1.0 8.8 5.4 2.8 2.0 7.6 18.0 4.5 11.9 3.9 3.9	4.1 3.8 - 3.9 5.7 3.5 2.5 2.9 4.9 3.5 1.7 4.6 10.5 5.2 12.2 5.1 4.6
Trade-weighted measures All 31 Foreign Economies (1,2) OECD (3) Europe Euro Area (4) Asian NIEs (5)	3.5 3.9 4.2 3.4 3.5	.2 .5 -2.3 -5.0	6.0 6.5 8.6 8.8 5.5	12.6 13.7 22.4 24.3 6.4	9.5 9.7 13.4 13.1 7.4	6.9 6.4 3.1 2.6 10.9	5.0 4.7 3.5 3.3 7.9

Rates of change based on compound rate method.

Dash means data not available.

⁽¹⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽²⁾ The trade-weighted measures for all employees in this table are not directly comparable with those for production workers earlier in this release; the country coverage of the two series differs slightly.

⁽³⁾ Organization for Economic Cooperation and Development.

⁽⁴⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁵⁾ The Asian NIEs are Republic of Korea, Singapore, and Taiwan.

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Table 10. ALL EMPLOYEES: Annual percent change in hourly compensation costs in national currency in manufacturing, 32 countries or areas and selected economic groups, selected years, 1996-2006

Country or area	1996- 2006	1996- 2000	2000- 2006	2003	2004	2005	2006
Americas							
UNITED STATES	3.0	2.7	3.1	4.3	2.8	2.7	5
ARGENTINA	10.6	2.4	16.5	15.2	24.0	21.3	26.8
BRAZIL	6.0	2.4	8.5	10.5	12.4	9.5	5.2
CANADA	2.5	1.7	3.0	2.7	4.1	2.9	2.1
MEXICO	8.7	11.6	6.8	9.2	3.8	3.4	4.2
Asia and Oceania							
AUSTRALIA	4.7	3.8	5.3	7.7	5.2	2.7	4.4
ISRAEL	5.9	9.5	3.5	1.9	1.1	2.9	3.4
JAPAN	.8	1.2	.6	.9	.7	1.7	. 4
KOREA, REPUBLIC OF	7.9	9.1	7.1	5.4	7.1	5.4	7.7
NEW ZEALAND	3.1	2.7	3.3	2.5	2.3	3.4	4.9
PHILIPPINES	7.7	6.7	8.4	5.5	10.3	7.7	8.1
SINGAPORE	2.6	4.7	1.2	2.9	. 4	-1.3	-1.6
TAIWAN	3.1	4.9	2.0	1.1	1.4	4.5	2.1
T							
Europe	2 4	0 1	0 7	0 0	1 6	2 5	2 1
AUSTRIA	2.4	2.1	2.7	2.8	1.6	3.5	3.1
BELGIUM	3.2	3.4	3.1	1.6	2.3	4.2	2.9
CZECH REPUBLIC	7.2	9.0	-	5.5	6.0	3.5	-
DENMARK	-	-	3.7	3.9	1.0	4.0	3.0
FINLAND	3.9	3.2	4.4	3.3	4.6	3.7	4.7
FRANCE	2.1	1.9	2.3	2.3	2.0	2.8	2.6
GERMANY	-	_	2.1	2.9	1.2	. 9	1.5
HUNGARY	13.0	17.9	9.9	8.3	8.0	7.2	8.5
IRELAND	6.4	5.8	6.9	7.9	7.0	5.3	4.0
ITALY	3.2	1.8	4.1	5.3	5.7	2.7	2.5
NETHERLANDS	_	_	3.6	4.8	2.4	2.0	. 7
NORWAY	_	_	5.1	4.7	5.9	2.8	4.1
POLAND	_	-	4.6	2.5	3.3	4.4	6.0
PORTUGAL	4.0	4.4	3.8	2.5	2.4	4.4	4.2
SLOVAKIA	_	-	8.3	9.5	4.1	7.6	7.1
SPAIN	4.0	3.3	4.5	4.9	3.7	3.8	4.2
SWEDEN	3.9	3.9	3.9	4.3	3.1	2.0	3.2
SWITZERLAND	1.1	. 6	1.3	1.0	.5	1.2	. 9
UNITED KINGDOM	5.2	6.5	4.4	5.5	3.5	5.2	3.1
Trade-weighted measures							
All 31 Foreign Economies							
(1,2)	4.3	4.7	3.9	4.3	3.6	3.2	2.8
OECD (3)	4.2	4.7	3.8	4.3	3.4	3.0	2.7
Europe	4.0	4.0	3.5	4.0	3.0	3.0	2.5
Euro Area (4)	3.6	3.1	3.3	3.8	2.9	2.6	2.3
Asian NIEs (5)	5.1	6.7	4.1	3.4	3.7	3.6	3.8

Rates of change based on compound rate method.

Dash means data not available.

⁽¹⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽²⁾ The trade-weighted measures for all employees in this table are not directly comparable with those for production workers earlier in this release; the country coverage of the two series differs slightly.

⁽³⁾ Organization for Economic Cooperation and Development.

⁽⁴⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁵⁾ The Asian NIEs are Republic of Korea, Singapore, and Taiwan.

Table 11. ALL EMPLOYEES: Annual percent change in exchange rates (U.S. dollars per national currency unit), 32 countries or areas and selected economic groups, selected years, 1996-2006

Country or area	1996- 2006	1996- 2000	2000- 2006	2003	2004	2005	2006
Americas							
UNITED STATES	_	-	_	_	-	_	_
ARGENTINA	-10.6	.0	-17.0	5.6	8	. 7	-4.9
BRAZIL	-7.4	-13.9	-2.8	-5.0	5.1	20.2	12.0
CANADA	1.9	-2.1	4.6	12.1	7.6	7.4	6.9
MEXICO	-3.6	-5.3	-2.4	-10.4	-4.4	3.7	2
Asia and Oceania							
AUSTRALIA	4	-7.2	4.4	20.0	12.9	3.6	-1.2
ISRAEL	-3.3	-5.9	-1.5	4.0	1.6	1	.7
JAPAN	7	.2	-1.3	8.0	7.1	-1.7	-5.3
KOREA, REPUBLIC OF	-1.7	-8.2	2.9	4.9	4.1	11.8	7.3
NEW ZEALAND	6	-9.7	6.0	25.3	14.2	6.1	-7.9
PHILIPPINES	-6.5	-12.3	-2.4	-4.8	-3.3	1.7	7.5
SINGAPORE	-1.2	-4.9	1.4	2.9	3.0	1.6	4.8
TAIWAN	-1.7	-3.2	7	. 4	3.1	3.9	-1.2
Europe							
AUSTRIA	3	-8.2	5.3	19.8	9.9	.1	. 9
BELGIUM	4	-8.2	5.3	19.8	9.9	.1	.9
CZECH REPUBLIC	1.4	-8.4	-	16.1	9.8	7.3	-
DENMARK		-	5.3	19.9	9.8	1	. 9
FINLAND	3	-8.1	5.3	19.8	9.9	.1	.9
FRANCE	2	-7.9	5.3	19.8	9.9	.1	.9
GERMANY	_	_	5.3	19.8	9.9	.1	.9
HUNGARY	-3.2	-14.2	5.0	15.0	10.7	1.6	-5.1
IRELAND	.0	-7.5	5.3	19.8	9.9	.1	.9
ITALY	. 0	-7.4	5.3	19.8	9.9	.1	.9
NETHERLANDS	_	_	5.3	19.8	9.9	.1	.9
NORWAY	_	_	5.4	12.7	5.1	4.6	.5
POLAND	_	_	5.8	4.9	6.3	13.0	4.3
PORTUGAL	3	-8.2	5.3	19.8	9.9	.1	.9
SLOVAKIA	-	-	7.6	23.3	14.0	4.0	4.8
SPAIN	4	-8.4	5.3	19.8	9.9	.1	.9
SWEDEN	9	-7.5	3.7	20.3	10.0	-1.6	1.3
SWITZERLAND	1	-7.5	5.1	15.8	8.2	2	6
UNITED KINGDOM	1.7	7	3.3	8.9	12.1	6	1.3
Trade-weighted measures							
All 31 Foreign Economies							
(1,2)	7	-4.2	2.1	8.2	5.8	3.5	2.0
OECD (3)	3	-3.9	2.6	9.2	6.2	3.2	1.8
Europe	.2	-6.1	4.9	17.7	10.1	.1	.9
Euro Area (4)	2	-7.8	5.3	19.8	9.9	.1	.9
Asian NIEs (5)	-1.6	-5.8	1.3	2.9	3.5	6.9	3.9
ASIGN NIES (3/	-1.0	-3.0	1.0	4.9	5.5	0.9	3.9

Dash means data not available.

⁽¹⁾ For a description of trade-weighted measures and economic groups, see the Technical Notes preceding these tables.

⁽²⁾ The trade-weighted measures for all employees in this table are not directly comparable with those for production workers earlier in this release; the country coverage of the two series differs slightly.

⁽³⁾ Organization for Economic Cooperation and Development.

⁽⁴⁾ Euro Area refers to European Union member countries in this release that have adopted the Euro as the common currency as of January 1, 2001.

⁽⁵⁾ The Asian NIEs are Republic of Korea, Singapore, and Taiwan.

Table 12. ALL EMPLOYEES: Hourly compensation costs in national currency units in manufacturing and exchange rates, 32 countries or areas, 2006

Country or area	Compensation costs	Exchange Rates
Americas UNITED STATES ARGENTINA BRAZIL CANADA MEXICO	20.08 12.83 32.88	1.000 3.054 2.174 1.134 10.91
Asia and Oceania AUSTRALIA	64.04 2838 16097 24.77 69.81 21.52	1.327 4.457 116.3 954.3 1.540 51.25 1.588 32.51
Europe AUSTRIA. BELGIUM. CZECH REPUBLIC. DENMARK. FINLAND. FRANCE. GERMANY. HUNGARY. IRELAND. ITALY. NORWAY. POLAND. PORTUGAL. SLOVAKIA. SPAIN. SWEDEN. SWITZERLAND. UNITED KINGDOM.	28.93 227.0 28.07 26.85 32.67 1765 24.67 22.86 28.13 296.8 19.42 7.59 193.5 17.55 252.2 44.71	.7960 .7960 - 5.942 .7960 .7960 .7960 .7960 .7960 .7960 .7960 .7960 6.410 3.103 .7960 29.61 .7960 7.372 1.253

National currency units are: United States, dollar; Argentina, pesos; Brazil, real; Canada, dollar; Mexico, peso; Australia, dollar; Israel, new shekel; Japan, yen; Republic of Korea, won; New Zealand, dollar; Philippines, peso; Singapore, dollar; Taiwan, dollar; Austria, euro; Belgium, euro; Czech Republic, koruna; Denmark, krone; Finland, euro; France, euro; Germany, euro; Hungary, forint; Ireland, euro; Italy, euro; Netherlands, euro; Norway, krone; Poland, zloty; Portugal, euro; Slovakia, koruna; Spain, euro; Sweden, krona; Switzerland, franc; United Kingdom, pound.

Note: For data for all years 1975-2006, see the supplementary tables to this news release at http://www.bls.gov/fls.