



CPB Memo

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Change of base year, seasonal correction procedure and underlying data sources in the World Trade Monitor

The base year of CPB World Trade Monitor (WTM) has been moved forward from 2010 to 2021. This is done such that the WTM better reflects conditions presently prevailing at world markets. The last time the base year was changed was in 2016, when the base year was shifted from 2005 to 2010. In this memo the 2021 weighting scheme is presented and a comparison with the 2010 scheme is made. This memo also shows how the change affects the aggregate outcomes of the WTM.

1.1 Methodology

In the WTM system price and volume measures are compiled applying a fixed base year. The choice of the base year affects aggregate volume outcomes, as the relative size of base year flows determine the country weights applied when aggregating national flows. The main focus in the WTM is on recent developments. Therefore, the base year preferably is a rather recent one, so aggregate outcomes are based as much as possible on present (i.e. relatively recent) market conditions.

The WTM consists of two parts: a production monitor and a trade monitor. The procedures of indexation and aggregation applied in these two parts are not exactly the same, as the production data and the trade data differ in nature. In the production monitor, national data are indexes of industrial production. As these indexes cannot be simply added, external data are required to construct country weights that enable international aggregation. The trade monitor on the other hand deals with value series, price series, and volume series at

both the national and the aggregate level. Prices average one (formally 100) in the base year, so base year values in current prices and base year values in constant prices (i.e. volume) are near-equal¹. National value series in current prices (denominated in dollars) may be aggregated internationally right away. National value series in constant prices (value series deflated with the appropriate price index, both value and price denominated in dollars) may be aggregated as well. For regional country aggregates and the global aggregate, prices are computed from values in current prices and in constant prices. Importantly, the relative size of national base year values determine country weights applied in the computation of volume aggregates. So given that relative sizes change over time, shifting the base year causes country weights to change. In the trade monitor, these weights are implicit however, whereas in the production monitor they are explicit.

1.2 Choice of base year

Up to now, base years generally ended in “0” or “5”. The statistical results of the year 2020 were however strongly influenced by the Covid-19 crisis and were in many respects atypical. In general, it is preferred that the weights used for aggregating indices are more or less typical for longer periods of time. Therefore, instead of using the base year 2020, 2021 is used as a base year².

1.3 Country weights used for aggregation

Regional and global aggregates of industrial production published at the CPB’s website are computed using national nominal industrial production in the base year as weights. The WTM system also computes alternative aggregates using base year nominal goods imports as weights (these are not published). The differences in outcomes between the two measures are generally minor.

Country weights used in the production monitor are shown in table 1, both the 2010 weights used up to and including the June 2024 monitor and the 2021 weights used from the July 2024 monitor onward. Both sets of weights are based mainly on data sets provided by the United Nations (details are given in the notes to table 1). Shifts in regional shares in trade and production between 2010 and 2021 are shown respectively in table 2 and table 3.

The most notable shifts in production shares (table 1) concern China and Brazil. While China’s share nearly doubles, the share of global industrial production by Brazil roughly halves. Also noteworthy is the decline in the share of global industrial production by the United States, Germany and Japan. More generally, tables 1-3 show that over 2010-2021 emerging economies grew considerably faster than advanced economies. Emerging

¹ The identity does not hold perfectly, as the time series consist of monthly observations and prices vary in the course of the base year.

² This is in accordance with e.g. Eurostat, the source the WTM relies on for EU Member states ([link](#)).

economies' market share in global industrial production rose nearly 7%, mostly driven by China. They gained about 5% of global goods exports; at the same time, imports decreased by roughly 4%.

1.4 Change in underlying data sources

Next to the change in base year, we have also reviewed the data sources used for both the production monitor and the trade monitor. In this process, we investigated the availability of different data sources for the countries included in the system, and selected the most appropriate series for each country. It is also noteworthy that for National Sources data from this publication onwards we make use of the Macrobond database.

1.5 Change of seasonal correction procedure

Most country source series from the source have already been adjusted for seasonal fluctuation. Where this is not the case, the WTM system adjusts for seasonal fluctuation. This used to be done by applying the so-called Census X11-procedure, which has been adjusted to the X-12-ARIMA procedure. This to ensure that we correct for seasonality's using the most state of the art techniques; the impact of this change is rather small however.

1.6 Aggregate outcomes

The combined effect of the different changes in the WTM system are shown in table 4 (industrial production) and table 5 (trade). The impact of the changes for the industrial production numbers are minor. The changes in trade volumes are for most countries/regions relatively minor; for some the changes are significant however.

Table 1 Normalised weights used for aggregating industrial production

| | | Industrial Production (a) | | | Import (b) | | |
|-----------|----|---------------------------|-------|------------|------------|-------|------------|
| | | 2010 | 2021 | difference | 2010 | 2021 | difference |
| | | % | % | %-point | % | % | %-point |
| Algeria | dz | 0.45 | 0.23 | -0.22 | 0.28 | 0.18 | 0.10 |
| Angola | ao | 0.28 | 0.14 | -0.14 | 0.10 | 0.05 | 0.05 |
| Argentina | ar | 0.71 | 0.49 | -0.21 | 0.38 | 0.30 | 0.09 |
| Armenia | am | 0.01 | 0.01 | 0.00 | 0.03 | 0.03 | 0.00 |
| Australia | au | 1.72 | 1.82 | 0.10 | 1.37 | 1.23 | 0.13 |
| Austria | at | 0.54 | 0.47 | -0.06 | 1.01 | 0.99 | 0.02 |
| Belarus | by | 0.10 | 0.09 | -0.01 | 0.24 | 0.20 | 0.04 |
| Belgium | be | 0.53 | 0.43 | -0.10 | 2.64 | 1.85 | 0.78 |
| Brazil | br | 2.75 | 1.42 | -1.33 | 1.22 | 1.10 | 0.12 |
| Bulgaria | bg | 0.06 | 0.07 | 0.01 | 0.17 | 0.22 | -0.05 |
| Canada | ca | 2.16 | 1.63 | -0.53 | 2.67 | 2.31 | 0.36 |
| Chile | cl | 0.45 | 0.40 | -0.05 | 0.40 | 0.43 | -0.03 |
| China | cn | 16.67 | 28.88 | 12.21 | 10.13 | 12.61 | -2.48 |
| Colombia | co | 0.49 | 0.32 | -0.17 | 0.28 | 0.29 | -0.01 |
| Croatia | hr | 0.07 | 0.05 | -0.02 | 0.14 | 0.16 | -0.02 |

| Cyprus | cy | 0.01 | 0.01 | 0.00 | 0.06 | 0.05 | 0.01 |
|--------------------|----|------|------|-------|------|------|-------|
| Czech Republic | cz | 0.39 | 0.35 | -0.04 | 0.85 | 1.00 | -0.15 |
| Denmark | dk | 0.35 | 0.30 | -0.05 | 0.56 | 0.57 | -0.01 |
| Ecuador | ec | 0.12 | 0.12 | 0.00 | 0.14 | 0.12 | 0.02 |
| Egypt | eg | 0.47 | 0.51 | 0.04 | 0.36 | 0.42 | -0.06 |
| Estonia | ee | 0.03 | 0.03 | 0.01 | 0.09 | 0.11 | -0.02 |
| Finland | fi | 0.35 | 0.26 | -0.09 | 0.46 | 0.41 | 0.06 |
| France | fr | 2.24 | 1.68 | -0.56 | 4.09 | 3.37 | 0.72 |
| Gabon | ga | 0.04 | 0.05 | 0.00 | 0.02 | 0.02 | 0.00 |
| Germany | de | 5.53 | 4.74 | -0.79 | 7.19 | 6.70 | 0.49 |
| Greece | gr | 0.21 | 0.14 | -0.06 | 0.45 | 0.36 | 0.08 |
| Hong Kong | hk | 0.06 | 0.04 | -0.02 | 2.97 | 3.36 | -0.38 |
| Hungary | hu | 0.20 | 0.17 | -0.03 | 0.59 | 0.65 | -0.07 |
| Iceland | is | 0.02 | 0.02 | 0.00 | 0.03 | 0.04 | -0.01 |
| India | in | 2.58 | 2.95 | 0.36 | 2.36 | 2.68 | -0.32 |
| Indonesia | id | 1.77 | 1.74 | -0.03 | 0.92 | 0.92 | -0.01 |
| Iran | ir | 1.09 | 0.46 | -0.63 | 0.37 | 0.65 | -0.29 |
| Iraq | iq | 0.48 | 0.51 | 0.04 | 0.20 | 0.14 | 0.06 |
| Ireland | ie | 0.35 | 0.93 | 0.58 | 0.41 | 0.58 | -0.17 |
| Israel | il | 0.26 | 0.29 | 0.03 | 0.40 | 0.43 | -0.03 |
| Italy | it | 2.49 | 1.92 | -0.57 | 3.28 | 2.67 | 0.61 |
| Japan | jp | 8.36 | 5.80 | -2.56 | 4.68 | 3.63 | 1.04 |
| Jordan | jo | 0.04 | 0.05 | 0.01 | 0.10 | 0.10 | 0.00 |
| Kazakhstan | kz | 0.34 | 0.29 | -0.05 | 0.16 | 0.19 | -0.03 |
| Korea, Republic Of | kr | 2.28 | 2.47 | 0.19 | 2.87 | 2.89 | -0.03 |
| Kuwait | kw | 0.51 | 0.36 | -0.16 | 0.15 | 0.15 | 0.00 |
| Latvia | lv | 0.03 | 0.03 | 0.00 | 0.08 | 0.11 | -0.03 |
| Libya | ly | 0.37 | 0.09 | -0.29 | 0.15 | 0.08 | 0.07 |
| Lithuania | lt | 0.05 | 0.06 | 0.01 | 0.16 | 0.21 | -0.05 |
| Luxembourg | lu | 0.02 | 0.02 | 0.00 | 0.14 | 0.12 | 0.02 |
| North Macedonia | mk | 0.01 | 0.01 | 0.00 | 0.04 | 0.05 | -0.02 |
| Malaysia | my | 0.65 | 0.63 | -0.02 | 1.11 | 1.12 | -0.01 |
| Malta | mt | 0.01 | 0.01 | 0.00 | 0.04 | 0.03 | 0.01 |
| Mexico | mx | 2.11 | 1.73 | -0.38 | 2.03 | 2.38 | -0.35 |
| Montenegro | me | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 |
| Morocco | ma | 0.13 | 0.14 | 0.01 | 0.24 | 0.28 | -0.04 |
| Netherlands | nl | 0.88 | 0.69 | -0.19 | 2.97 | 2.93 | 0.03 |
| New Zealand | nz | 0.16 | 0.15 | -0.01 | 0.20 | 0.23 | -0.03 |
| Nigeria | ng | 0.57 | 0.47 | -0.10 | 0.36 | 0.25 | 0.12 |
| Norway | no | 0.89 | 0.75 | -0.14 | 0.52 | 0.47 | 0.05 |
| Oman | om | 0.24 | 0.19 | -0.05 | 0.13 | 0.15 | -0.01 |
| Pakistan | pk | 0.21 | 0.28 | 0.06 | 0.25 | 0.34 | -0.09 |
| Peru | pe | 0.30 | 0.30 | 0.00 | 0.20 | 0.24 | -0.04 |
| Philippines | ph | 0.37 | 0.43 | 0.06 | 0.39 | 0.59 | -0.19 |
| Poland | pl | 0.73 | 0.76 | 0.03 | 1.17 | 1.58 | -0.40 |
| Portugal | pt | 0.24 | 0.19 | -0.05 | 0.52 | 0.46 | 0.06 |
| Qatar | qa | 0.54 | 0.42 | -0.12 | 0.16 | 0.13 | 0.02 |
| Romania | ro | 0.33 | 0.28 | -0.05 | 0.42 | 0.55 | -0.13 |
| Russian Federation | ru | 2.59 | 2.27 | -0.32 | 1.54 | 1.38 | 0.16 |
| Saudi Arabia | sa | 1.98 | 1.71 | -0.27 | 0.72 | 0.72 | 0.00 |
| Serbia | rs | 0.05 | 0.06 | 0.01 | 0.11 | 0.16 | -0.05 |
| Singapore | sg | 0.36 | 0.46 | 0.10 | 2.09 | 1.91 | 0.18 |
| Slovakia | sk | 0.15 | 0.14 | -0.01 | 0.44 | 0.49 | -0.06 |
| Slovenia | si | 0.07 | 0.07 | 0.00 | 0.18 | 0.23 | -0.05 |
| South Africa | za | 0.62 | 0.47 | -0.16 | 0.56 | 0.44 | 0.12 |
| Spain | es | 1.56 | 1.09 | -0.47 | 2.13 | 2.00 | 0.12 |
| Sweden | se | 0.69 | 0.54 | -0.15 | 1.00 | 0.88 | 0.12 |

| | | | | | | | |
|----------------------|----|---|--------|-------|--------|--------|-------|
| Switzerland | ch | 0.83 | 0.84 | 0.01 | 1.19 | 1.52 | -0.33 |
| Syrian Arab Republic | sy | 0.11 | 0.02 | -0.10 | 0.12 | 0.08 | 0.04 |
| Taiwan | tw | 0.90 | 1.34 | 0.44 | 1.72 | 1.80 | -0.08 |
| Thailand | th | 0.88 | 0.81 | -0.07 | 1.24 | 1.26 | -0.02 |
| Trinidad And Tobago | tt | 0.08 | 0.04 | -0.04 | 0.04 | 0.03 | 0.02 |
| Tunisia | tn | 0.08 | 0.04 | -0.03 | 0.15 | 0.11 | 0.04 |
| Turkey | tr | 0.99 | 1.06 | 0.08 | 1.25 | 1.28 | -0.03 |
| Ukraine | ua | 0.22 | 0.20 | -0.02 | 0.41 | 0.33 | 0.08 |
| United Arab Emirates | ae | 0.86 | 0.80 | -0.06 | 1.22 | 1.64 | -0.42 |
| United Kingdom | gb | 2.22 | 1.77 | -0.45 | 4.25 | 3.24 | 1.02 |
| United States | us | 17.20 | 15.66 | -1.54 | 13.27 | 13.80 | -0.54 |
| Uruguay | uy | 0.05 | 0.04 | -0.01 | 0.06 | 0.05 | 0.01 |
| Venezuela | ve | 1.10 | 0.24 | -0.86 | 0.22 | 0.15 | 0.07 |
| Total | | 100.00 | 100.00 | 0.00 | 100.00 | 100.00 | 0.00 |
| (a) | | Share in global value added in mining, manufacturing, and utilities. Source: National Accounts Estimates of Main Aggregates, United Nations Statistics Division, supplemented with value added figure for Taiwan from National Statistics Republic of China (Taiwan). | | | | | |
| (b) | | Share in global merchandise imports. Source: Commodity Trade Statistics Database, United Nations Statistics Division, supplemented with import value figures from Global Economic Monitor, World Bank and World Development Indicators, World Bank. | | | | | |

Table 2 Regional trade shares

| | Value 2010 usd bln | Value 2021. usd bln | Share 2010 | Share 2021 | Difference |
|------------------------------|-----------------------|------------------------|------------|------------|------------|
| Trade – import shares | | | | | |
| World | 14562,0 | 21293.6 | 100.0% | 100.0% | 0.0% |
| Advanced Economies | 10385.7 | 14295.4 | 67.1% | 71.3% | 4.2% |
| Euro Area | 4000 | 5312.9 | 25.0% | 27.5% | 2.5% |
| United States | 1913.9 | 2828.5 | 13.3% | 13.1% | -0.2% |
| United Kingdom | 587.3 | 737.7 | 3.5% | 4.0% | 0.5% |
| Japan | 693.4 | 770.1 | 3.6% | 4.8% | 1.2% |
| Advanced Asia excl Japan | 1427.8 | 2086.4 | 9.8% | 9.8% | 0.0% |
| Other advanced Economies | 1763.3 | 2559.8 | 12.0% | 12.1% | 0.1% |
| Emerging Economies | 4176.3 | 6998.2 | 32.9% | 28.7% | -4.2% |
| China | 1397 | 2685 | 12.6% | 9.6% | -3.0% |
| Emerging Asia excl China | 1010.8 | 1794.6 | 8.4% | 6.9% | -1.5% |
| Eastern Europe / CIS | 368.4 | 454.9 | 2.1% | 2.5% | 0.4% |
| Latin America | 745 | 1109.3 | 5.2% | 5.1% | -0.1% |
| Africa and Middle East | 655.1 | 954.5 | 4.5% | 4.5% | 0.0% |
| Trade – export shares | | | | | |
| World | 14357.7 | 21254.5 | 100.0% | 100.0% | 0.0% |
| Advanced Economies | 9753.9 | 13342.6 | 67.9% | 62.8% | -5.2% |
| Euro Area | 4024.3 | 5462.5 | 28.0% | 25.7% | -2.3% |
| United States | 1278.5 | 1757.7 | 8.9% | 8.3% | -0.6% |
| United Kingdom | 413.1 | 443.7 | 2.9% | 2.1% | -0.8% |
| Japan | 771.8 | 755.3 | 5.4% | 3.6% | -1.8% |
| Advanced Asia excl Japan | 1488.3 | 2188.9 | 10.4% | 10.3% | -0.1% |
| Other advanced Economies | 1778 | 2734.6 | 12.4% | 12.9% | 0.5% |
| Emerging Economies | 4603.8 | 7911.9 | 32.1% | 37.2% | 5.2% |

| | | | | | |
|--------------------------|--------|--------|-------|-------|-------|
| China | 1576.2 | 3371.7 | 11.0% | 15.9% | 4.9% |
| Emerging Asia excl China | 921.2 | 1637.9 | 6.4% | 7.7% | 1.3% |
| Eastern Europe / CIS | 528.1 | 657.6 | 3.7% | 3.1% | -0.6% |
| Latin America | 762.4 | 1142.9 | 5.3% | 5.4% | 0.1% |
| Africa and Middle East | 815.9 | 1101.7 | 5.7% | 5.2% | -0.5% |

Table 3 Regional production Shares

| | Value 2010 usd bln | Value 2021. usd bln | Share 2010 | Share 2021 | Difference |
|--|-----------------------|------------------------|------------|------------|------------|
| Industrial production – production weights | | | | | |
| World | 14579,4 | 20110,3 | 100.0% | 100.0% | 0.0% |
| Advanced Economies | 8211,3 | 9926,6 | 56.3% | 49.4% | -7.0% |
| Euro Area | 2240,2 | 2612,1 | 15.4% | 13.0% | -2.4% |
| United States | 2507,7 | 3149,9 | 17.2% | 15.7% | -1.5% |
| United Kingdom | 324,2 | 356,9 | 2.2% | 1.8% | -0.4% |
| Japan | 1219,5 | 1166,6 | 8.4% | 5.8% | -2.6% |
| Advanced Asia excl Japan | 523,8 | 866,1 | 3.6% | 4.3% | 0.7% |
| Other advanced Economies | 1396,0 | 1774,9 | 9.6% | 8.8% | -0.7% |
| Emerging Economies | 6368,1 | 10183,7 | 43.7% | 50.6% | 7.0% |
| China | 2430,3 | 5807,8 | 16.7% | 28.9% | 12.2% |
| Emerging Asia excl China | 942,2 | 1374,7 | 6.5% | 6.8% | 0.4% |
| Eastern Europe / CIS | 475,3 | 577,6 | 3.3% | 2.9% | -0.4% |
| Latin America | 1190,9 | 1029,5 | 8.2% | 5.1% | -3.0% |
| Africa and Middle East | 1329,4 | 1394,2 | 9.1% | 6.9% | -2.2% |
| Industrial production – import weights | | | | | |
| World | 1460,5 | 21251,1 | 100.0% | 100.0% | 0.0% |
| Advanced Economies | 1029,0 | 14290,6 | 70.5% | 67.2% | -3.2% |
| Euro Area | 386,4 | 5070,4 | 26.5% | 23.9% | -2.6% |
| United States | 193,7 | 2933,0 | 13.3% | 13.8% | 0.5% |
| United Kingdom | 62,1 | 688,2 | 4.3% | 3.2% | -1.0% |
| Japan | 68,3 | 772,3 | 4.7% | 3.6% | -1.0% |
| Advanced Asia excl Japan | 141,1 | 2117,1 | 9.7% | 10.0% | 0.3% |
| Other advanced Economies | 177,5 | 2709,7 | 12.2% | 12.8% | 0.6% |
| Emerging Economies | 431,4 | 6960,5 | 29.5% | 32.8% | 3.2% |
| China | 147,9 | 2679,4 | 10.1% | 12.6% | 2.5% |
| Emerging Asia excl China | 91,7 | 1470,3 | 6.3% | 6.9% | 0.6% |
| Eastern Europe / CIS | 34,7 | 452,0 | 2.4% | 2.1% | -0.2% |
| Latin America | 72,6 | 1082,2 | 5.0% | 5.1% | 0.1% |
| Africa and Middle East | 84,5 | 1276,6 | 5.8% | 6.0% | 0.2% |

Table 4 WTM 2024Mo4 compiled with base 2010 and base 2021, and change of underlying data sources; industrial production

| Base 2010 | Year on year | | quarter on quarter | | | Momentum | | Month-on-Month | | | 2024m03 | 2024m04 |
|--------------------------|--------------|------|--------------------|--------|--------|----------|---------|----------------|---------|------|---------|---------|
| | 2021 | 2022 | 2023 | 2023Q3 | 2023Q4 | 2042Q1 | 2024m03 | 2024m04 | 2024m02 | | | |
| World | 7,7 | 3,1 | 1,0 | 0,6 | 0,6 | 0,1 | 0,1 | 0,2 | 0,5 | -0,4 | 0,4 | |
| Advanced Economies | 6,3 | 2,1 | -1,0 | -0,3 | 0,2 | -0,9 | -0,9 | -0,2 | 0,7 | 0,1 | 0,2 | |
| Euro Area | 8,3 | 1,6 | -2,0 | -1,8 | -0,3 | -0,6 | -0,6 | -0,3 | 0,2 | 0,2 | 0,1 | |
| United States | 4,4 | 3,4 | 0,2 | 0,4 | -0,5 | -0,4 | -0,4 | 0,1 | 0,8 | -0,1 | 0,0 | |
| United Kingdom | -5,2 | -3,4 | -0,4 | 0,0 | -1,1 | 0,8 | 0,8 | 0,7 | 1,0 | 0,2 | -0,8 | |
| Japan | 5,6 | 0,1 | -1,5 | -0,6 | 1,1 | -5,2 | -5,2 | -2,0 | -0,5 | 4,5 | -0,4 | |
| Advanced Asia excl Japan | 10,9 | 0,3 | -5,4 | 1,9 | 3,0 | -0,5 | -0,5 | 0,7 | 3,9 | -4,7 | 2,7 | |
| Other advanced Economies | 7,2 | 3,6 | 0,4 | -0,1 | 0,6 | 0,3 | 0,3 | 0,2 | 0,4 | -0,5 | 0,1 | |

| | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Emerging Economies | 9,1 | 4,0 | 2,8 | 1,4 | 0,9 | 1,0 | 1,0 | 0,6 | 0,4 | -0,8 | 0,6 |
| China | 10,6 | 3,7 | 4,3 | 2,6 | 2,0 | 1,5 | 1,5 | 0,6 | 0,3 | -1,1 | 0,6 |
| Emerging Asia excl China | 11,9 | 5,0 | 2,4 | 1,5 | -1,3 | 0,9 | 0,9 | 0,9 | 1,1 | -1,9 | 0,9 |
| Eastern Europe / CIS | 4,6 | -0,5 | 3,4 | 0,6 | 0,2 | 1,3 | 1,3 | 1,8 | 1,5 | 0,1 | 0,1 |
| Latin America | 8,1 | 3,1 | 0,6 | 0,4 | -0,5 | -0,4 | -0,4 | -0,5 | -0,2 | 0,3 | -0,8 |
| Africa and Middle East | 3,6 | 7,5 | -1,4 | -2,5 | 0,0 | -0,2 | -0,2 | 0,5 | 0,3 | 0,1 | 1,2 |

| Base 2021 | Year on year | | quarter on quarter | | | Momentum | | Month-on-Month | | | |
|--------------------------|--------------|------|--------------------|--------|--------|----------|---------|----------------|---------|---------|---------|
| | 2021 | 2022 | 2023 | 2023Q3 | 2023Q4 | 2042Q1 | 2024m03 | 2024m04 | 2024m02 | 2024m03 | 2024m04 |
| World | 7,5 | 3,1 | 0,9 | 0,5 | 0,7 | 0,2 | 0,2 | 0,2 | 0,4 | -0,3 | 0,4 |
| Advanced Economies | 6,2 | 2,1 | -1,1 | -0,4 | 0,4 | -0,8 | -0,8 | -0,2 | 0,4 | 0,2 | 0,3 |
| Euro Area | 8,4 | 1,9 | -2,0 | -1,9 | -0,2 | -0,8 | -0,8 | -0,5 | 0,1 | 0,4 | 0,0 |
| United States | 4,4 | 3,4 | 0,2 | 0,0 | -0,2 | 0,0 | 0,0 | 0,1 | 0,1 | 0,1 | 0,1 |
| United Kingdom | -5,2 | -3,4 | -0,4 | 0,0 | -1,1 | 0,8 | 0,8 | 1,0 | 1,0 | 0,2 | 0,0 |
| Japan | 5,6 | 0,1 | -1,5 | -0,6 | 1,1 | -5,2 | -5,2 | -2,0 | -0,5 | 4,5 | -0,4 |
| Advanced Asia excl Japan | 11,1 | 0,3 | -5,8 | 1,9 | 3,5 | -1,0 | -1,0 | 0,5 | 3,4 | -3,8 | 2,8 |
| Other advanced Economies | 6,6 | 3,4 | 0,4 | -0,1 | 0,7 | 0,3 | 0,3 | 0,1 | 0,2 | -0,4 | 0,3 |
| Emerging Economies | 8,9 | 4,0 | 2,9 | 1,3 | 1,1 | 1,0 | 1,0 | 0,6 | 0,5 | -0,8 | 0,6 |
| China | 10,6 | 3,7 | 4,3 | 2,6 | 2,0 | 1,5 | 1,5 | 0,6 | 0,3 | -1,1 | 0,6 |
| Emerging Asia excl China | 12,2 | 5,0 | 2,5 | 1,4 | -1,1 | 0,9 | 0,9 | 1,0 | 1,2 | -1,6 | 0,7 |
| Eastern Europe / CIS | 4,4 | -1,5 | 3,5 | 0,6 | 0,2 | 1,4 | 1,4 | 1,8 | 1,6 | 0,1 | 0,1 |
| Latin America | 8,1 | 3,2 | 0,8 | 0,2 | -0,3 | -0,3 | -0,3 | -0,3 | -0,2 | 0,3 | -0,7 |
| Africa and Middle East | 1,7 | 7,2 | -1,6 | -3,1 | 0,5 | 0,0 | 0,0 | 0,7 | 0,3 | 0,2 | 1,1 |

| Base 2021 -/ Base 2010 | Year on year | | quarter on quarter | | | Momentum | | Month-on-Month | | | |
|--------------------------|--------------|------|--------------------|--------|--------|----------|---------|----------------|---------|---------|---------|
| | 2021 | 2022 | 2023 | 2023Q3 | 2023Q4 | 2042Q1 | 2024m03 | 2024m04 | 2024m02 | 2024m03 | 2024m04 |
| World | -0,2 | 0,0 | -0,1 | -0,1 | 0,1 | 0,0 | 0,0 | 0,0 | -0,1 | 0,1 | 0,0 |
| Advanced Economies | -0,1 | 0,0 | -0,1 | -0,1 | 0,2 | 0,1 | 0,1 | -0,1 | -0,3 | 0,1 | 0,1 |
| Euro Area | 0,1 | 0,3 | -0,1 | -0,2 | 0,0 | -0,2 | -0,2 | -0,2 | -0,1 | 0,2 | -0,1 |
| United States | 0,0 | 0,0 | 0,0 | -0,4 | 0,4 | 0,4 | 0,4 | 0,0 | -0,8 | 0,2 | 0,1 |
| United Kingdom | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,3 | 0,0 | 0,0 | 0,8 |
| Japan | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Advanced Asia excl Japan | 0,3 | 0,0 | -0,4 | -0,1 | 0,5 | -0,5 | -0,5 | -0,2 | -0,5 | 0,9 | 0,1 |
| Other advanced Economies | -0,6 | -0,2 | 0,0 | 0,0 | 0,1 | -0,1 | -0,1 | -0,1 | -0,2 | 0,1 | 0,2 |
| Emerging Economies | -0,2 | 0,0 | 0,0 | -0,1 | 0,1 | 0,1 | 0,1 | 0,0 | 0,0 | 0,0 | 0,0 |
| China | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Emerging Asia excl China | 0,3 | 0,0 | 0,0 | -0,1 | 0,2 | 0,0 | 0,0 | 0,1 | 0,1 | 0,3 | -0,2 |
| Eastern Europe / CIS | -0,2 | -1,0 | 0,1 | 0,1 | 0,1 | 0,1 | 0,1 | 0,0 | 0,1 | 0,0 | 0,0 |
| Latin America | 0,0 | 0,1 | 0,2 | -0,2 | 0,2 | 0,2 | 0,2 | 0,1 | 0,0 | 0,0 | 0,0 |
| Africa and Middle East | -1,9 | -0,2 | -0,1 | -0,7 | 0,6 | 0,2 | 0,2 | 0,1 | 0,2 | -0,1 | -0,1 |

Table 5 WTM 2024m04 compiled with base 2010 and base 2021 and change of underlying data sources; trade

| Base 2010 | Year on year | | quarter on quarter | | | Momentum | | Month-on-Month | | | |
|--------------------------|--------------|-------|--------------------|--------|--------|----------|---------|----------------|---------|---------|---------|
| | 2021 | 2022 | 2023 | 2023Q3 | 2023Q4 | 2042Q1 | 2024m03 | 2024m04 | 2024m02 | 2024m03 | 2024m04 |
| World Trade | 10,0 | 2,7 | -1,9 | -0,3 | 0,3 | 0,3 | 0,3 | 1,2 | 1,4 | -1,1 | 1,5 |
| World – Imports | 10,4 | 3,1 | -3,1 | -0,8 | 0,1 | -0,3 | -0,3 | 1,8 | 2,5 | -0,4 | 1,2 |
| Advanced Economies | 9,3 | 4,5 | -4,4 | -1,0 | -0,4 | 0,2 | 0,2 | 2,1 | 2,8 | -0,5 | 1,4 |
| Euro Area | 8,2 | 5,3 | -5,4 | -2,3 | -2,5 | -0,8 | -0,8 | 1,7 | 3,3 | -0,9 | 2,0 |
| United States | 11,5 | 5,6 | -1,9 | 0,0 | 1,2 | 1,5 | 1,5 | 2,1 | 2,6 | -2,3 | 2,1 |
| United Kingdom | 5,8 | 9,2 | -8,4 | -3,5 | -0,8 | -2,9 | -2,9 | 1,7 | 0,5 | -2,8 | 10,2 |
| Japan | 4,7 | 6,0 | -4,3 | 0,3 | 0,3 | -4,4 | -4,4 | 0,7 | 3,6 | 3,4 | -0,7 |
| Advanced Asia excl Japan | 12,3 | -0,1 | -7,1 | -0,4 | 2,4 | 3,8 | 3,8 | 4,6 | 1,0 | 0,9 | 1,6 |
| Other advanced Economies | 9,0 | 4,1 | -2,4 | -0,2 | -1,0 | 0,1 | 0,1 | 1,6 | 4,0 | 0,4 | -1,9 |
| Emerging Economies | 12,9 | 0,1 | -0,2 | -0,2 | 1,3 | -1,5 | -1,5 | 1,0 | 1,9 | 0,0 | 0,9 |
| China | 8,5 | -4,8 | 2,9 | 0,8 | 1,7 | -4,3 | -4,3 | 0,8 | 0,3 | 6,3 | 0,2 |
| Emerging Asia excl China | 19,9 | 8,6 | -3,9 | 1,2 | 3,5 | 0,0 | 0,0 | 0,4 | 3,4 | -5,6 | 1,1 |
| Eastern Europe / CIS | 11,5 | -23,7 | 10,7 | -4,2 | -3,2 | -0,1 | -0,1 | -0,1 | 2,0 | -4,8 | 1,7 |
| Latin America | 21,8 | 5,7 | -4,3 | -1,5 | -0,4 | 1,7 | 1,7 | 3,5 | 3,2 | -2,5 | 3,3 |
| Africa and Middle East | 3,2 | 2,8 | 0,5 | -1,9 | 0,0 | -1,5 | -1,5 | -0,2 | 1,1 | 1,0 | -1,3 |
| World - Exports | 9,6 | 2,3 | -0,7 | 0,1 | 0,4 | 1,0 | 1,0 | 0,7 | 0,3 | -1,8 | 1,8 |
| Advanced Economies | 8,4 | 2,0 | -1,6 | 0,1 | 0,7 | -0,1 | -0,1 | 0,3 | 0,5 | -1,0 | 1,4 |
| Euro Area | 7,6 | 2,5 | -2,9 | -1,4 | -0,4 | -0,1 | -0,1 | -0,3 | -0,9 | -1,1 | 2,5 |
| United States | 8,0 | 4,1 | 3,2 | 3,6 | 0,8 | 0,4 | 0,4 | 0,6 | 2,3 | -3,0 | 0,7 |
| United Kingdom | 1,1 | 9,7 | -7,7 | -3,3 | 1,2 | -3,4 | -3,4 | -4,8 | 1,0 | -2,4 | -5,3 |
| Japan | 12,7 | 1,1 | -1,3 | 0,5 | 0,3 | -2,6 | -2,6 | -1,8 | -2,8 | 3,4 | -0,1 |
| Advanced Asia excl Japan | 11,8 | -1,8 | -3,2 | 1,5 | 3,8 | 1,7 | 1,7 | 1,5 | 1,4 | -2,1 | 2,2 |
| Other advanced Economies | 6,8 | 2,1 | 0,3 | -0,3 | 0,0 | -0,4 | -0,4 | 1,5 | 2,4 | 0,3 | 0,6 |
| Emerging Economies | 11,9 | 2,8 | 0,8 | 0,1 | 0,0 | 2,9 | 2,9 | 1,4 | 0,0 | -3,0 | 2,5 |
| China | 19,5 | -0,5 | 2,9 | 1,9 | 0,6 | 5,3 | 5,3 | 2,6 | 0,3 | -5,8 | 5,2 |

| | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|
| Emerging Asia excl China | 16,1 | 5,9 | -4,2 | 1,0 | 0,4 | 1,1 | 1,1 | -1,3 | -0,5 | -5,8 | 2,4 |
| Eastern Europe / CIS | 1,4 | -6,2 | 11,4 | -3,3 | -3,3 | 8,5 | 8,5 | 6,7 | 4,6 | 3,7 | -6,0 |
| Latin America | 6,3 | 5,9 | -1,2 | -0,9 | 0,3 | -0,5 | -0,5 | -0,6 | -3,3 | 0,1 | 3,3 |
| Africa and Middle East | 1,5 | 10,1 | -1,7 | -2,4 | -0,4 | -1,2 | -1,2 | 0,1 | 0,3 | 0,9 | 0,7 |

| Base 2021 | Year on year | | quarter on quarter | | | | Momentum | | Month-on-Month | | |
|--------------------------|--------------|-------|--------------------|--------|--------|--------|----------|---------|----------------|---------|---------|
| | 2021 | 2022 | 2023 | 2023Q3 | 2023Q4 | 2024Q1 | 2024m03 | 2024m04 | 2024m02 | 2024m03 | 2024m04 |
| World | 10,0 | 3,2 | -1,2 | 0,0 | -0,3 | 0,0 | 0,0 | 0,8 | 1,2 | -0,8 | 1,0 |
| World – Imports | 10,3 | 3,7 | -1,9 | -0,4 | -0,5 | -0,5 | -0,5 | 1,6 | 2,4 | -0,1 | 0,9 |
| Advanced Economies | 8,7 | 4,9 | -4,1 | -0,9 | -0,7 | -0,3 | -0,3 | 1,8 | 2,7 | -0,3 | 1,2 |
| Euro Area | 8,2 | 5,2 | -5,4 | -2,3 | -2,5 | -0,9 | -0,9 | 1,6 | 3,3 | -0,8 | 1,9 |
| United States | 11,5 | 5,6 | -1,9 | 0,0 | 1,2 | 1,5 | 1,5 | 2,1 | 2,6 | -2,3 | 2,1 |
| United Kingdom | 5,8 | 9,4 | -8,4 | -3,5 | -0,8 | -2,9 | -2,9 | 1,7 | 0,5 | -2,8 | 10,2 |
| Japan | 4,7 | 6,0 | -4,3 | 0,3 | 0,3 | -4,4 | -4,4 | 0,7 | 3,6 | 3,4 | -0,7 |
| Advanced Asia excl Japan | 12,7 | -1,2 | -7,3 | -0,2 | 2,1 | 1,7 | 1,7 | 2,2 | -0,9 | 1,8 | 1,0 |
| Other advanced Economies | 5,5 | 7,2 | -0,6 | 0,6 | -1,6 | -0,7 | -0,7 | 1,9 | 4,8 | 0,9 | -2,0 |
| Emerging Economies | 13,8 | 1,1 | 2,9 | 0,6 | -0,2 | -1,0 | -1,0 | 1,2 | 1,8 | 0,3 | 0,1 |
| China | 8,5 | -4,8 | 2,9 | 0,3 | 1,7 | 4,9 | 4,9 | -0,8 | -2,0 | 5,2 | 0,8 |
| Emerging Asia excl China | 20,5 | 6,7 | -0,5 | 4,1 | 3,4 | 1,7 | 1,7 | 3,5 | 6,7 | -4,0 | -1,7 |
| Eastern Europe / CIS | 12,4 | -21,3 | 16,5 | -3,0 | -0,7 | -1,3 | -1,3 | -2,2 | 0,2 | -4,1 | 1,7 |
| Latin America | 22,6 | 5,6 | -3,4 | -0,9 | -1,4 | 2,5 | 2,5 | 5,3 | 4,1 | 1,3 | 1,2 |
| Africa and Middle East | 9,0 | 12,9 | 10,9 | -1,4 | -1,3 | -0,2 | -0,2 | -0,8 | 0,1 | -1,5 | 0,0 |
| World - Exports | 9,8 | 2,7 | -0,4 | 0,4 | 0,0 | 0,5 | 0,5 | 0,1 | 0,1 | -1,5 | 1,1 |
| Advanced Economies | 8,3 | 2,7 | -1,5 | 0,1 | 0,5 | 0,0 | 0,0 | 0,1 | 0,3 | -1,1 | 1,2 |
| Euro Area | 7,6 | 2,2 | -2,9 | -1,4 | -0,4 | -0,1 | -0,1 | -0,3 | -0,8 | -1,1 | 2,3 |
| United States | 8,0 | 4,1 | 3,2 | 3,6 | 0,8 | 0,4 | 0,4 | 0,6 | 2,3 | -3,0 | 0,7 |
| United Kingdom | 1,1 | 9,7 | -7,7 | -3,3 | 1,2 | -3,4 | -3,4 | -4,8 | 1,0 | -2,4 | -5,3 |
| Japan | 12,7 | 1,1 | -1,3 | 0,5 | 0,3 | -2,6 | -2,6 | -1,8 | -2,8 | 3,4 | -0,1 |
| Advanced Asia excl Japan | 12,4 | -3,2 | -3,8 | 1,4 | 3,7 | 2,0 | 2,0 | 0,8 | -1,0 | -2,4 | 3,7 |
| Other advanced Economies | 6,6 | 7,2 | 0,5 | -0,1 | -0,2 | -0,5 | -0,5 | 0,8 | 2,6 | 0,0 | -1,1 |
| Emerging Economies | 12,3 | 2,7 | 1,5 | 0,9 | -0,8 | 1,4 | 1,4 | 0,2 | -0,3 | -2,2 | 0,9 |
| China | 19,5 | -0,4 | 2,9 | 2,4 | -0,9 | 1,1 | 1,1 | -0,9 | -1,3 | -4,5 | 2,5 |
| Emerging Asia excl China | 18,9 | 6,6 | -2,5 | 3,9 | -0,4 | 2,8 | 2,8 | 1,5 | 1,6 | -3,7 | 1,0 |
| Eastern Europe / CIS | 0,2 | -13,0 | 13,0 | -4,9 | -3,4 | 7,4 | 7,4 | 6,1 | 5,2 | 4,6 | -8,2 |
| Latin America | 6,7 | 5,7 | -1,3 | -0,3 | 0,3 | -0,1 | -0,1 | -0,8 | -3,3 | 0,4 | 1,9 |
| Africa and Middle East | -1,4 | 12,2 | 0,6 | -3,2 | -0,7 | -1,1 | -1,1 | -0,3 | 0,0 | 0,8 | 0,6 |

| Base 2021 /- Base 2010 | Year on year | | quarter on quarter | | | | Momentum | | Month-on-Month | | |
|--------------------------|--------------|------|--------------------|--------|--------|--------|----------|---------|----------------|---------|---------|
| | 2021 | 2022 | 2023 | 2023Q3 | 2023Q4 | 2024Q1 | 2024m03 | 2024m04 | 2024m02 | 2024m03 | 2024m04 |
| World | 0,0 | 0,5 | 0,8 | 0,3 | -0,5 | -0,3 | -0,3 | -0,4 | -0,2 | 0,3 | -0,5 |
| World – Imports | -0,1 | 0,5 | 1,3 | 0,3 | -0,7 | -0,2 | -0,2 | -0,2 | -0,1 | 0,3 | -0,4 |
| Advanced Economies | -0,6 | 0,4 | 0,3 | 0,1 | -0,3 | -0,5 | -0,5 | -0,3 | -0,1 | 0,2 | -0,1 |
| Euro Area | 0,0 | -0,1 | 0,0 | 0,0 | 0,0 | -0,1 | -0,1 | -0,1 | 0,0 | 0,0 | -0,1 |
| United States | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| United Kingdom | 0,0 | 0,2 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Japan | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Advanced Asia excl Japan | 0,4 | -1,1 | -0,2 | 0,2 | -0,3 | -2,1 | -2,1 | -2,3 | -1,8 | 0,9 | -0,6 |
| Other advanced Economies | -3,5 | 3,1 | 1,8 | 0,7 | -0,6 | -0,8 | -0,8 | 0,3 | 0,8 | 0,6 | -0,1 |
| Emerging Economies | 0,8 | 1,0 | 3,1 | 0,7 | -1,5 | 0,5 | 0,5 | 0,2 | -0,1 | 0,4 | -0,8 |
| China | 0,0 | 0,0 | 0,0 | -0,5 | -3,4 | -0,6 | -0,6 | -1,7 | -2,3 | -1,1 | 0,5 |
| Emerging Asia excl China | 0,6 | -1,9 | 3,4 | 2,8 | -0,1 | 1,7 | 1,7 | 3,1 | 3,3 | 1,6 | -2,8 |
| Eastern Europe / CIS | 0,9 | 2,4 | 5,8 | 1,2 | 2,4 | -1,2 | -1,2 | -2,1 | -1,8 | 0,7 | 0,0 |
| Latin America | 0,8 | -0,1 | 0,9 | 0,6 | -1,0 | 0,8 | 0,8 | 1,8 | 0,9 | 3,7 | -2,0 |
| Africa and Middle East | 5,8 | 10,1 | 10,4 | 0,5 | -1,4 | 1,3 | 1,3 | -0,5 | -0,9 | -2,5 | 1,3 |
| World - Exports | 0,2 | 0,5 | 0,3 | 0,3 | -0,4 | -0,5 | -0,5 | -0,5 | -0,3 | 0,2 | -0,7 |
| Advanced Economies | -0,1 | 0,8 | 0,0 | 0,0 | -0,2 | 0,0 | 0,0 | -0,2 | -0,3 | -0,1 | -0,2 |
| Euro Area | 0,0 | -0,2 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,1 | 0,1 | -0,1 |
| United States | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| United Kingdom | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Japan | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Advanced Asia excl Japan | 0,7 | -1,5 | -0,5 | -0,1 | -0,1 | 0,3 | 0,3 | -0,7 | -2,4 | -0,3 | 1,5 |
| Other advanced Economies | -0,2 | 5,1 | 0,2 | 0,2 | -0,3 | -0,2 | -0,2 | -0,7 | 0,2 | -0,3 | -1,7 |
| Emerging Economies | 0,4 | -0,1 | 0,7 | 0,8 | -0,7 | -1,5 | -1,5 | -1,1 | -0,2 | 0,9 | -1,6 |
| China | 0,0 | 0,1 | 0,0 | 0,5 | -1,5 | -4,3 | -4,3 | -3,6 | -1,6 | 1,3 | -2,7 |
| Emerging Asia excl China | 2,8 | 0,7 | 1,6 | 2,9 | -0,7 | 1,7 | 1,7 | 2,7 | 2,1 | 2,1 | -1,4 |
| Eastern Europe / CIS | -1,3 | -6,7 | 1,7 | -1,6 | 0,0 | -1,1 | -1,1 | -0,7 | 0,6 | 0,9 | -2,2 |
| Latin America | 0,4 | -0,1 | -0,1 | 0,5 | 0,1 | 0,5 | 0,5 | -0,2 | 0,0 | 0,3 | -1,4 |
| Africa and Middle East | -2,9 | 2,1 | 2,4 | -0,8 | -0,3 | 0,1 | 0,1 | -0,4 | -0,3 | -0,1 | -0,2 |