## 16.May. 2023

## Industrial Production: Hard Data Rebound

Bottom Line: The Federal Reserve's industrial production report for April showed a better rebound in activity than many of the manufacturing surveys suggested. Auto production led the gains, jumping over $9 \%$ on the month, while food- and beveragerelated production led the nondurable segments. Overall, the report painted a modestly better picture than the survey data in April, though the early surveys for May show a renewed decline. Nonetheless, the report offers hope for stabilization in manufacturing and the potential for a modest rebound later this year, especially in the auto sector, where demand remains moderate, and manufacturers continue to work through supply and technological bottlenecks as they ramp-up production of electric vehicles.

## Industrial Production - Total IP

April: +0.48\%, consensus: 0.0\%


Jun-21 Sep-21 Jan-22 Apr-22 Jul-22 Nov-22 Feb-23 May-23

Manufacturing (NAICS)


Jun-21 Sep-21 Jan-22 Apr-22 Jul-22 Nov-22 Feb-23 May-23

## Durable manufacturing



Jun-21 Sep-21 Jan-22 Apr-22 Jul-22 Nov-22 Feb-23 May-23

## Nondurable manufacturing



Jun-21 Sep-21 Jan-22 Apr-22 Jul-22 Nov-22 Feb-23 May-23

Motor vehicles and parts


[^0]Aerospace and miscellaneous transportation equipment


[^1][^2]

Food, beverage, and tobacco products


Jun-21 Sep-21 Jan-22 Apr-22 Jul-22 Nov-22 Feb-23 May-23

Contingent Macro Advisors 2023 source: Federal Reserve, Consensus from Bloomberg LP

| Industrial <br> Production | Apr-23 | Mar-23 | m ann $\% 6 \mathrm{~m}$ ann $\%$ <br> chg | YoY $\%$ <br> chg | 2022 | 2021 | $5 y$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total IP | $\mathbf{0 . 4 8 \%}$ | $\mathbf{0 . 0 5 \%}$ | $\mathbf{2 . 1 4 \%}$ | $\mathbf{- 0 . 7 2 \%}$ | $\mathbf{0 . 2 4 \%}$ | $\mathbf{0 . 5 8 \%}$ | $\mathbf{2 . 9 7 \%}$ | $\mathbf{- 0 . 1 8 \%}$ |
| Manufacturing <br> (NAICS) | $\mathbf{1 . 0 2 \%}$ | $\mathbf{- 0 . 8 1 \%}$ | $\mathbf{1 . 9 3 \%}$ | $\mathbf{- 1 . 7 9 \%}$ | $\mathbf{- 0 . 8 6 \%}$ | $\mathbf{- 1 . 3 2 \%}$ | $\mathbf{3 . 2 9 \%}$ | $\mathbf{- 0 . 2 5 \%}$ |
| Durable <br> manufacturing | $1.43 \%$ | $-1.30 \%$ | $\mathbf{0 . 9 6 \%}$ | $-2.79 \%$ | $-0.78 \%$ | $0.74 \%$ | $3.17 \%$ | $-0.52 \%$ |
| Wood products | $0.61 \%$ | $-3.05 \%$ | $-10.76 \%$ | $-8.39 \%$ | $-9.09 \%$ | $-6.43 \%$ | $-1.31 \%$ | $-0.75 \%$ |
| Nonmetallic <br> mineral <br> products | $-0.24 \%$ | $-2.87 \%$ | $-9.09 \%$ | $-2.70 \%$ | $2.32 \%$ | $4.67 \%$ | $2.80 \%$ | $1.56 \%$ |
| Primary metals | $0.90 \%$ | $-0.12 \%$ | $8.38 \%$ | $-3.38 \%$ | $-2.62 \%$ | $-6.11 \%$ | $4.17 \%$ | $-1.79 \%$ |
| Fabricated |  |  |  |  |  |  |  |  |


| metal products | -0.04\% | -1.06\% | -2.31\% | -3.05\% | -1.52\% | 0.59\% | 5.60\% | -1.20\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Machinery | -0.50\% | -1.75\% | -9.54\% | -6.64\% | -3.49\% | 0.96\% | 10.34\% | -0.58\% |
| Computer and electronic products | 2.15\% | -0.88\% | 7.45\% | -1.61\% | -0.43\% | -3.29\% | 6.67\% | 0.76\% |
| Electrical equip., appliances, and component | 0.07\% | -1.19\% | -6.02\% | -6.82\% | -3.63\% | -0.45\% | 2.90\% | -0.16\% |
| Motor vehicles and parts | 9.30\% | -1.93\% | 33.43\% | 11.00\% | 8.48\% | 5.72\% | -6.34\% | 0.38\% |
| Aerospace and miscellaneous transportation equipment | -0.35\% | -0.63\% | -7.82\% | -6.20\% | -1.13\% | 8.79\% | -0.34\% | -2.09\% |
| Furniture and related products | -0.43\% | -1.18\% | -6.08\% | -11.99\% | -8.82\% | -4.76\% | 2.10\% | -2.86\% |
| Miscellaneous | -1.35\% | 0.13\% | -7.45\% | -6.87\% | -0.52\% | 2.59\% | 7.01\% | 0.68\% |
| Nondurable manufacturing | 0.61\% | -0.32\% | 2.91\% | -0.78\% | -0.95\% | -3.38\% | 3.47\% | 0.05\% |
| Food, beverage, and tobacco products | 0.67\% | -1.10\% | -0.73\% | -0.47\% | -0.81\% | -0.81\% | -0.69\% | 0.84\% |
| Textile and product mills | -0.10\% | 0.34\% | -12.82\% | -5.50\% | -8.59\% | -9.54\% | 3.25\% | -2.60\% |
| Apparel and leather | -0.80\% | 0.98\% | -11.02\% | 1.54\% | 5.61\% | 5.52\% | 3.28\% | -0.04\% |
| Paper | -0.08\% | 0.94\% | 1.10\% | -0.66\% | -7.52\% | -9.16\% | -0.44\% | -2.24\% |
| Printing and support | -0.41\% | -0.25\% | -4.54\% | -6.25\% | -3.42\% | -1.16\% | 2.83\% | -2.10\% |
| Petroleum and coal products | 0.63\% | 1.63\% | 11.54\% | -2.33\% | 0.32\% | -4.58\% | 13.92\% | -2.36\% |
| Chemicals | 0.67\% | -0.75\% | 5.75\% | 2.56\% | 1.31\% | -4.68\% | 6.27\% | 1.06\% |
| Plastics and rubber products | 1.16\% | 0.36\% | 2.87\% | -7.56\% | -4.44\% | -2.93\% | 2.97\% | -0.82\% |
| Other manufacturing (non-NAICS) | -0.15\% | -1.14\% | -8.07\% | -2.63\% | -3.83\% | -3.32\% | -3.03\% | -2.50\% |
| Mining | 0.59\% | -1.25\% | -5.29\% | -0.05\% | 5.60\% | 3.89\% | 8.61\% | -0.52\% |
| Utilities | -3.14\% | 8.38\% | 17.82\% | 6.34\% | -0.44\% | 9.20\% | -3.93\% | 0.47\% |


| Electric | $-1.90 \%$ | $6.95 \%$ | $15.93 \%$ | $9.46 \%$ | $1.04 \%$ | $7.29 \%$ | $-3.09 \%$ | $0.57 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Natural gas | $-9.96 \%$ | $16.93 \%$ | $29.69 \%$ | $-9.62 \%$ | $-8.30 \%$ | $20.96 \%$ | $-9.01 \%$ | $-0.17 \%$ |

Month-over-month \% change for most recent months, followed by annualized \% changes for periods noted. 5 - and 10-year are simple averages of annual \% changes.


[^0]:    Jun-21 Sep-21 Jan-22 Apr-22 Jul-22 Nov-22 Feb-23 May-23

[^1]:    Jun-21 Sep-21 Jan-22 Apr-22 Jul-22 Nov-22 Feb-23 May-23

[^2]:    Contingent Macro Advisors 2023 source: Federal Reserve, Consensus from Bloomberg LP

