

## SYNTHETIC INDICATOR – METHODOLOGICAL NOTES

1. Business tendency synthetic indicator is calculated since January 2004.
2. Synthetic indicator is calculated for the following aggregates:
  - total (manufacturing, construction, retail trade, services – jointly),
  - for economy sectors that business tendency surveys are carried out: (manufacturing industry, construction, retail trade, services),
  - for components: diagnostic and prognostic.
3. To calculate business tendency synthetic indicator for Poland there are used balances of answers (seasonally adjusted and standardized) to questions chosen from each survey:
  - manufacturing – current stock of finished products indicator (with inversed sign), current overall order books indicator, expected production indicator,
  - construction - current overall order books indicator, expected employment indicator,
  - retail trade - volume of stock indicator (with inverted sign), sales in the past 3 months indicator, expected business activity indicator,
  - services - business situation in the past 3 months indicator, demand in the past 3 months indicator, expected demand indicator.
4. For computation of the synthetic indicator particular weights are allocated to the different sectors – manufacturing industry (50%), services (38%), retail trade (6%), construction (6%).
5. Indicators for each economy sectors are calculated as a standardized arithmetic average of selected – seasonally adjusted – two (construction) or three balances of answers (other business tendency surveys). Indicators for diagnostic and prognostic components are calculated similarly – as a standardized arithmetic average of diagnostic and prognostic balances respectively (seasonally adjusted as well).
6. Synthetic indicator is presented starting from January 2011 in the publication „ Opracowanie sygnalne. Koniunktura w przemyśle, budownictwie, handlu i usługach w ...”.
7. Due to methodology, the whole synthetic indicator time series is updated monthly.