

Ordinary revision of the export and import price index

In 2023, a regular revision of export and import price indices was carried out. Starting from the price indices for the reference period of January 2024, the export and import price indices are calculated on a new weighting scheme based on the structure of international trade of the year 2021. The newly calculated indices are **chained to the current time series with the base of 2015 average = 100**. This ensures the continuation of the existing time series, from which all other indices (month-on-month, year-on-year, rolling average ratio) are further calculated. Indices published so far remain valid.

Moreover, by means of the revision, there was also a change in the concept, where the CZ-CPA classification has been newly set as an initial one, which enables to publish data for sections and divisions according to this classification (to the level according to the CPA2 classification). News releases are newly published solely according to the CZ-CPA classification. This change also ensures better coherence with news releases on producer prices.

The SITC classification continues to be published in the same details as it has been until now. Publishing of the HS classification ended as at December 2023.

Within the revision of the weight structure, the selection of observed groups has been updated. The change of weights in individual groups was caused by a change of export and import value in 2015 and 2021 and by the change of the initial classification. Updated weight distribution is presented in the tables and charts below.

Table 1: Structure of sections according to the CZ-CPA classification in the export price index and their weight distribution in the years 2015 and 2021

Name	CZ-CPA code	Constant weights of 2015 (‰)	Constant weights of 2021 (‰)	Difference of the weights (‰)
Products of agriculture, forestry and fishing	A	19.16	20.53	1.4
Mining and quarrying	B	6.95	3.16	-3.8
Manufactured products	C	944.10	943.65	-0.4
Electricity, gas, steam and air conditioning	D	11.08	15.97	4.9
Water supply; sewerage, waste management and remediation services	E	7.83	11.98	4.2
Information and communication services	J	10.89	4.71	-6.2

Chart 1: Comparison of the weighting scheme according to the CZ-CPA classification in the years 2015 and 2021 in the export price index

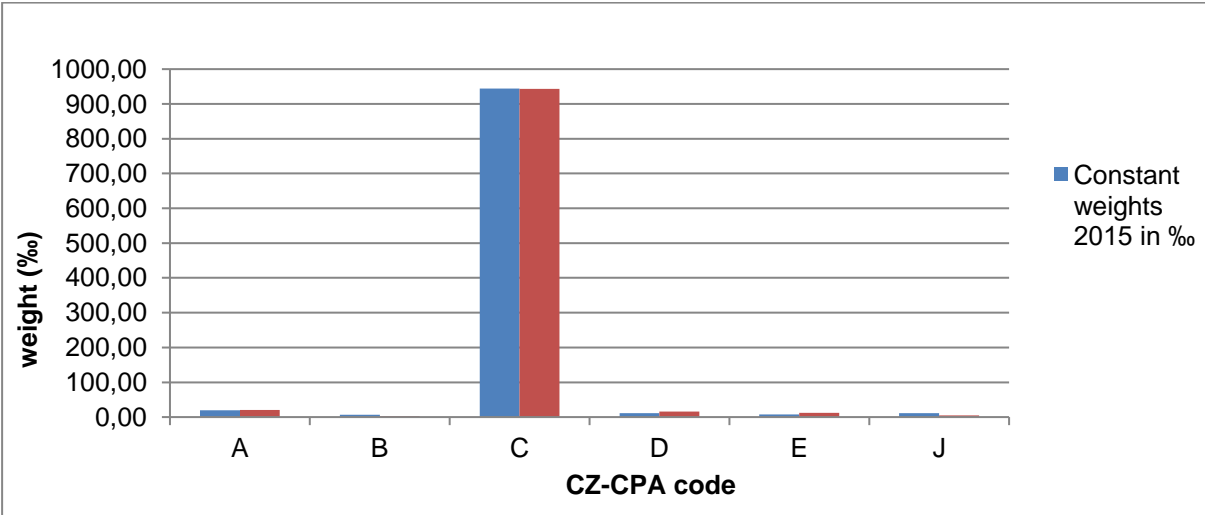


Table 2: Structure of sections according to the CZ-CPA classification in the import price index and their weight distribution in the years 2015 and 2021

Name	CZ-CPA code	Constant weights of 2015 (‰)	Constant weights of 2021 (‰)	Difference of the weights (‰)
Products of agriculture, forestry and fishing	A	15.92	15.58	-0.3
Mining and quarrying	B	46.41	52.53	6.1
Manufactured products	C	922.67	919.10	-3.6
Electricity, gas, steam and air conditioning	D	9.39	6.43	-3.0
Water supply; sewerage, waste management and remediation services	E	1.19	3.71	2.5
Information and communication services	J	4.42	2.65	-1.8

Chart 2: Comparison of the weighting scheme according to the CZ-CPA classification in the years 2015 and 2021 in the import price index

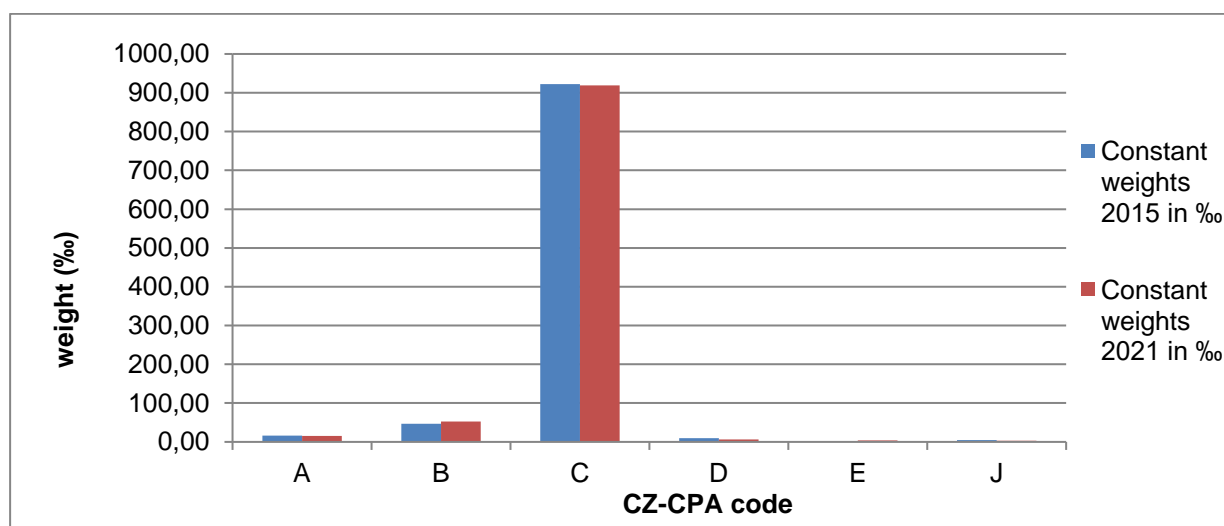


Table 3: Structure of published items according to the SITC classification and their weight distribution in the years 2015 and 2021 in the export price index

Name	SITC code	Constant weights of 2015 (‰)	Constant weights of 2021 (‰)	Difference of the weights (‰)
Food and live animals	0	40.04	41.20	1.16
Beverages and tobacco	1	5.18	4.67	-0.51
Crude materials, inedible, except fuels	2	25.01	35.92	10.91
Mineral fuels, lubricants and related materials	3	30.30	29.09	-1.21
Chemicals and related products, n.e.s.	5	67.42	79.85	12.43
Manufactured goods classified chiefly by material	6	193.69	175.26	-18.43
Machinery and transport equipment	7	532.36	516.98	-15.38
General industrial machinery and equipment, n.e.s.	74	71.33	78.67	7.34
Electrical machinery, apparatus and appliances, n.e.s.	77	80.47	85.55	5.08
Road vehicles (including air-cushion vehicles)	78	241.04	208.83	-32.21
Miscellaneous manufactured articles	8	106.00	117.03	11.03

Chart 3: Comparison of the weighting scheme according to the SITC classification in the years 2015 and 2021 in the export price index

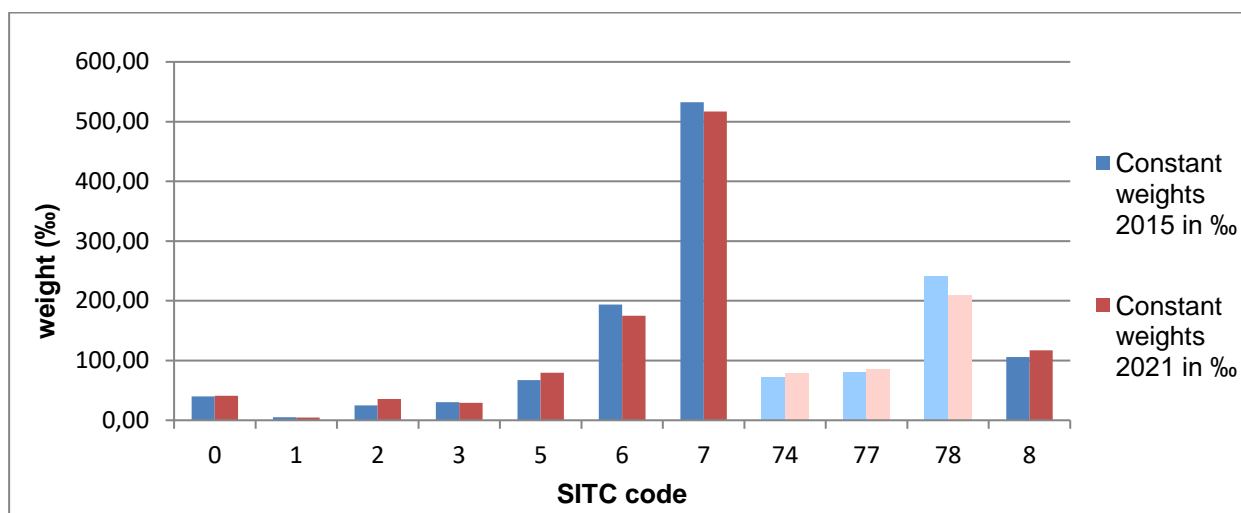
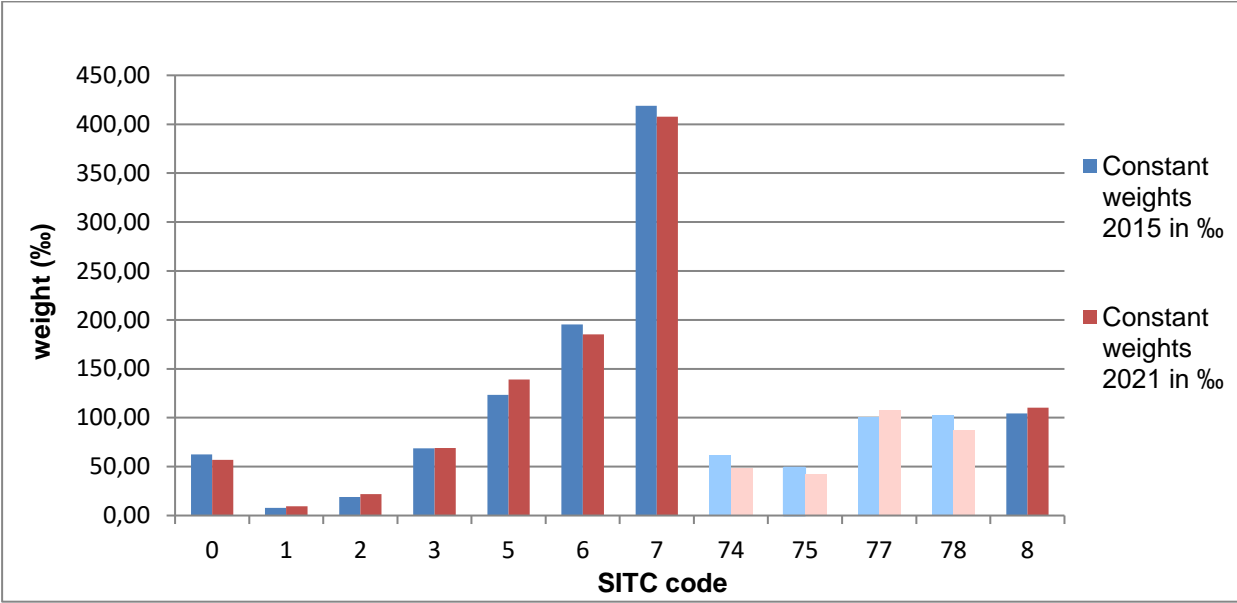


Table 4: Structure of published items according to the SITC classification and their weight distribution in the years 2015 and 2021 in the import price index

Name	SITC code	Constant weights of 2015 (‰)	Constant weights of 2021 (‰)	Difference of the weights (‰)
Food and live animals	0	62.44	57.04	-5.40
Beverages and tobacco	1	7.81	9.39	1.58
Crude materials, inedible, except fuels	2	18.97	22.05	3.08
Mineral fuels, lubricants and related materials	3	68.69	69.17	0.48
Chemicals and related products, n.e.s.	5	123.41	139.11	15.70
Manufactured goods classified chiefly by material	6	195.42	185.17	-10.25
Machinery and transport equipment	7	418.82	407.73	-11.09
General industrial machinery and equipment, n.e.s.	74	62.12	48.88	-13.24
Office machines and data processing machines	75	48.87	42.77	-6.10
Electrical machinery, apparatus and appliances, n.e.s.	77	100.96	108.25	7.29
Road vehicles (including air-cushion vehicles)	78	103.13	87.81	-15.32
Miscellaneous manufactured articles	8	104.43	110.34	5.91

Chart 4: Comparison of the weighting scheme according to the SITC classification in the years 2015 and 2021 in the import price index



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