



# Food processing industry Cost structure - Methodology

**AFCO meeting  
15 October 2025**

# First step – Identify data sources and map cost categories

Data Browser

Database | Recently updated | Bulk download | Info ▾ | Help ▾

Home > ... > National accounts (ESA 2010) > Supply, use and input-output tables > National supply, use and input-output tables > Supply, use and input-output tables - current prices

## Use table at basic prices

Online data code: [naio\\_10\\_cp1610](#) | DOI: [10.2908/naio\\_10\\_cp1610](#) | last update: 30/09/2025 23:00 | view: [CUSTOM DATASET](#) :


Source of data: Eurostat

 [Metadata](#)




 [Dataset information](#)



 [Add to 'My datasets'](#)

### Selection




[Customise your dataset](#) 

Row

 **Geopolitical entity (reporting)**   
1/39 values displayed ▾ 




 **Products, adjustments and value added**   
101/122 values displayed ▾ 




Column

 **Time**   
10/35 values displayed ▾ 


Drag and drop here for breakdown

Dimensions

 **Unit of measure**   
Million euro - 3/3 values displayed ▾ 

 **Industries and final uses**   
Manufacture of food products; beverages and tobacco products -  
3/121 values displayed ▾ 

Time frequency: **Annual**

Stock or flow: **Total** 

# First step – Identify data sources and map cost categories

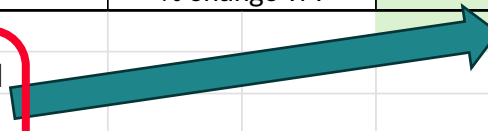
		TIME	2019	2020	2021	2022	2023	2024
GEO	PRD_AVA							
European Union - 27 countries (from 2020)	Total		774 005.99	771 680.06	827 916.33	983 256.48	:	
European Union - 27 countries (from 2020)	Products of agriculture, hunting and related services		206 983.59	207 692.96	221 566.38	267 542.11	:	
European Union - 27 countries (from 2020)	Products of forestry, logging and related services		211.09	318.85	281.89	312.45	:	
European Union - 27 countries (from 2020)	Fish and other fishing products; aquaculture products; ...		4 830.25	4 792.87	5 329.64	6 627.63	:	
European Union - 27 countries (from 2020)	Mining and quarrying		1 676.94	1 524.91	1 655.1	2 658.86	:	
European Union - 27 countries (from 2020)	Coal and lignite		:	:	:	:	:	
European Union - 27 countries (from 2020)	Crude petroleum and natural gas		:	:	:	:	:	
European Union - 27 countries (from 2020)	Metal ores		:	:	:	:	:	
European Union - 27 countries (from 2020)	Other mining and quarrying products		:	:	:	:	:	
European Union - 27 countries (from 2020)	Mining support services		:	:	:	:	:	
European Union - 27 countries (from 2020)	Food, beverages and tobacco products		195 368.31	191 333.06	204 399.41	242 330.57	:	
European Union - 27 countries (from 2020)	Food products		:	:	:	:	:	
European Union - 27 countries (from 2020)	Beverages		:	:	:	:	:	
European Union - 27 countries (from 2020)	Tobacco products		:	:	:	:	:	
European Union - 27 countries (from 2020)	Textiles, wearing apparel, leather and related products		960.74	930.25	1 014.43	1 227.78	:	
European Union - 27 countries (from 2020)	Textiles		:	:	:	:	:	
European Union - 27 countries (from 2020)	Wearing apparel		:	:	:	:	:	
European Union - 27 countries (from 2020)	Leather and related products		:	:	:	:	:	
European Union - 27 countries (from 2020)	Wood and of products of wood and cork, except furnitu...		2 045.63	2 029.07	2 467.59	2 956.61	:	
European Union - 27 countries (from 2020)	Paper and paper products		14 093.49	14 207.11	15 616.99	18 548.17	:	
European Union - 27 countries (from 2020)	Printing and recording services		1 375.98	1 230.02	1 291.35	1 521.95	:	
European Union - 27 countries (from 2020)	Coke and refined petroleum products		2 278.15	1 693.56	2 387.54	3 247.98	:	
European Union - 27 countries (from 2020)	Chemicals and chemical products		8 638.29	8 440.49	10 333.85	12 886.13	:	
European Union - 27 countries (from 2020)	Basic pharmaceutical products and pharmaceutical pr...		1 863.7	1 712.15	1 922	2 417.59	:	
European Union - 27 countries (from 2020)	Rubber and plastic products		14 390.76	14 554.7	16 773.71	19 590.58	:	
European Union - 27 countries (from 2020)	Other non-metallic mineral products		5 246.52	5 156.97	5 810.91	6 810.3	:	
European Union - 27 countries (from 2020)	Basic metals		1 090.48	1 091.67	1 416.98	1 712.08	:	
European Union - 27 countries (from 2020)	Fabricated metal products, except machinery and equi...		7 522.87	7 372.26	8 629.75	10 412.24	:	
European Union - 27 countries (from 2020)	Computer, electronic and optical products		262.34	262.71	277.92	304.18	:	
European Union - 27 countries (from 2020)	Electrical equipment		580.81	584.33	671.43	787.58	:	
European Union - 27 countries (from 2020)	Machinery and equipment n.e.c.		2 829.83	3 057.16	3 408.14	3 901.27	:	

# Second step – Identify relevant datasets for estimates and harmonise to the same reference year

CODE	Category	Relevant Dataset
CPA_TOTAL	Total	National accounts - Use table at basic prices
CPA_A01	Products of agriculture purchased	Price indices of agricultural products, output (apri_pi20_outq)
CPA_C10-12	Food and beverages purchased	Short-term business statistics - Producer prices (sts_inppd_q)
CPA_G46	Wholesale trade services	Deflator of Volume and Turnover in wholesale and retail trade (sts_trtu_q)
CPA_H49-53	Transport services and warehousing	Short-term business statistics - Service producer prices (sts_sepp_q)
CPA_G47	Retail trade services	Deflator of Volume and Turnover in wholesale and retail trade (sts_trtu_q)
CPA_C19 + D	Electricity, gas, steam, air co + petroleum prod	Short-term business statistics - Producer prices (sts_inppd_q)
CPA_C13-18; C20-25	Materials	Short-term business statistics - Producer prices (sts_inppd_q)
CPA_C26-32	Equipment	Short-term business statistics - Producer prices (sts_inppd_q)
CPA_I; J58-61; L66B; M69-70; M73-75; N77-82	Services	Short-term business statistics - Service producer prices (sts_sepp_q)
CPA A02-03; B, C33,E36-39, F; J62-63; K64-66; K66A-B; M71-72; O; P; Q86-88; R90-93; S94-96; T; U	Others that could not be estimated through indices	Work in progress - Less than 7% of total costs not covered - Inflation used provisionally (hicp)
D1	Compensation of employees	Labour cost index (lc_lci_r2_q)
D21X31 + D29X39	Taxes	Use average percentage of taxes in total cost for previous years

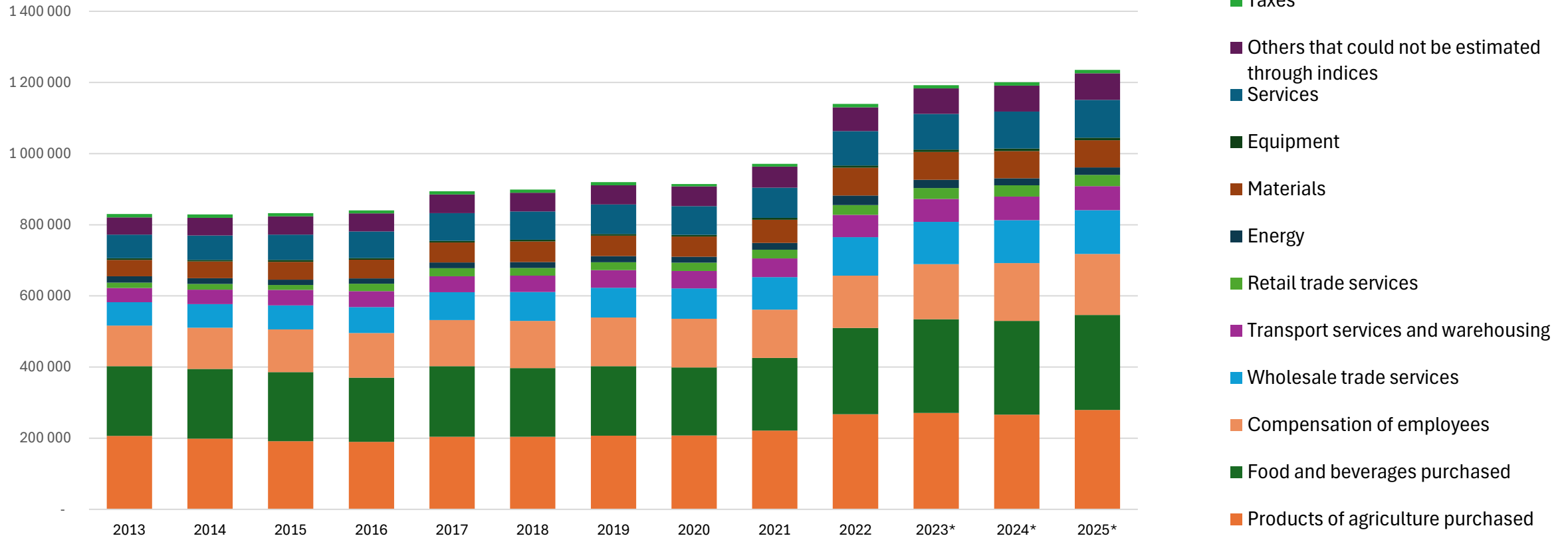
# Third step – Apply percentual evolution of datasets to each category

<b>Total costs</b>		TIME	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>CPA_A01</b>	Products of agriculture purchased		206,678	198,523	191,417	189,776	204,281	204,054	206,984	207,693	221,566	267,542	271,258	266,419	279,093
	% change Y/Y										% change Y/Y		1%	-2%	5%
Dataset:	Price indices of agricultural products, output (2020 = 100) - quarterly data [apri_pi20_outq_custom_17615606]														
<b>Index, 2020=100</b>			2020	2021	2022	2023	2024	2025							
Yearly average			100.2	109.3	138.2	140.1	137.6	144.2							
	% change Y/Y			9%	27%	1%	-2%	5%							



# Food processing industry – Cost structure

Structure of costs - food industry (EUR Millions)



Source: Eurostat, National Accounts (naio\_10\_cp1610) + AGRI estimations

\*Estimations for the years 2023-2024. 2025 is estimated based on current data for the first two quarters

# Fourth step – Give weights to relevant datasets based on value in use table (ex. materials)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Textiles, wearing apparel, leather and related products	775	825	886	885	978	942	961	930	1,014	1,228
Wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,834	1,862	1,815	1,813	1,977	2,007	2,046	2,029	2,468	2,957
Paper and paper products	11,678	12,064	11,754	12,696	13,338	13,936	14,093	14,207	15,617	18,548
Printing and recording media	1,108	1,073	898	1,514	1,543	1,432	1,376	1,230	1,291	1,522
Basic pharmaceutical products	1,000	758	1,398	1,652	1,887	2,148	1,864	1,712	1,922	2,418
Chemicals and chemical products	7,122	7,216	8,700	8,475	8,423	8,799	8,638	8,440	10,334	12,886
Rubber and plastic products	11,772	11,897	12,963	13,676	14,381	14,689	14,391	14,555	16,774	19,591
Other non-metallic mineral products	4,035	4,114	4,155	4,554	4,926	5,184	5,247	5,157	5,811	6,810
Basic metals	565	590	953	885	988	1,092	1,090	1,092	1,417	1,712
Fabricated metal products, except machinery and transport equipment	6,353	6,547	6,674	6,865	7,558	7,632	7,523	7,372	8,630	10,412

2020-Q1	2020-Q2	2020-Q3	2020-Q4	2021-Q1	2021-Q2	2021-Q3	2021-Q4	2022-Q1	2022-Q2	2022-Q3	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4	2024-Q1	2024-Q2	2024-Q3	2024-Q4
<b>Manufacture of textiles, wearing apparel, leather and related products</b>																			
98.5	98.5	98.3	98.4	98.5	99.3	100.5	101.6	103.9	106.3	108.5	110.4	112.1	112.7	113.2	113.3	113.7	114.0	114.4	114.1
<b>Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</b>																			
84.7	84.8	84.7	85.5	87.9	95.2	108.4	108.5	111.0	120.2	120.3	117.3	115.5	113.9	111.6	109.3	109.1	110.1	110.4	110.8
<b>Manufacture of paper and paper products</b>																			
93.7	94.1	92.6	92.2	93.1	97.4	102.3	107.2	115.0	125.2	131.7	134.9	131.5	125.2	120.6	118.0	116.8	119.1	121.4	120.9
<b>Printing and reproduction of recorded media</b>																			
99.8	99.6	99.2	99.2	99.0	99.2	100.0	101.9	106.9	111.5	114.8	117.7	120.5	120.8	120.2	119.9	119.5	119.8	120.0	120.0

# Fourth step – Give weights to relevant datasets based on value in use table

Double weight applied:

1<sup>st</sup> – Based on each individual product within the cost category (Previous slide)

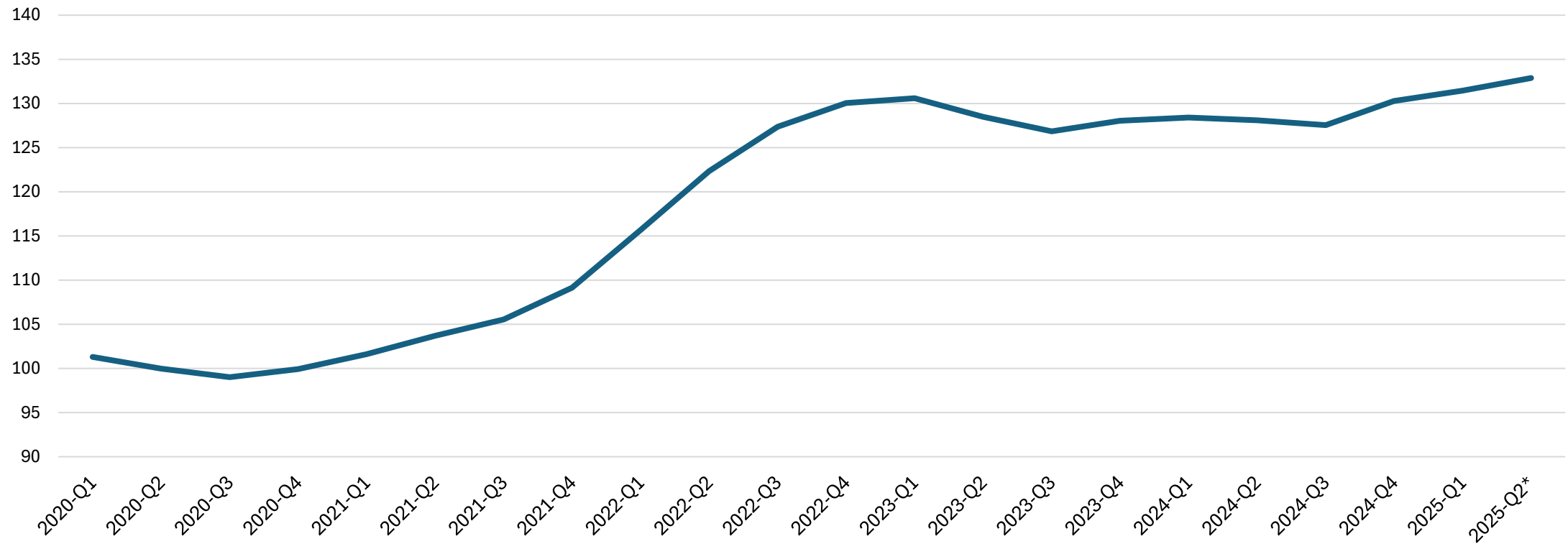
2<sup>nd</sup> – Based on value of each of the 12 cost categories of the total in the Use table  
(Current slide)

CPA_C13-25	2020-Q1	2020-Q2	2020-Q3	2020-Q4	2021-Q1	2021-Q2	2021-Q3	2021-Q4	2022-Q1	2022-Q2	2022-Q3	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4	2024-Q1	2024-Q2	2024-Q3	2024-Q4
Index, 2020=100	100.7	100.1	99.6	99.6	101.5	105.8	110.0	113.8	120.2	128.6	132.3	133.1	132.6	129.5	126.9	125.7	125.1	126.0	126.4	126.3

Cost Category	2023*	2024*	2025*
Products of agriculture purchased	271,258	266,419	279,093
Food and beverages purchased	263,284	263,130	267,403
Wholesale trade services	119,083	120,565	123,148
Transport services and warehousing	64,266	66,193	67,261
Retail trade services	30,796	31,483	32,089
Electricity, gas, steam, air co + petroleum prod	23,018	20,128	20,481
Materials	78,157	76,499	76,783
Equipment	6,707	6,826	6,893
Services	100,511	103,912	106,232
Others that could not be estimated through indic	71,401	73,260	74,802
Compensation of employees	154,646	162,890	171,412
Taxes	9,253	9,355	9,455

# Food processing industry – Index of costs

Index of food manufacturing industry costs



Source: Eurostat, National Accounts (naio\_10\_cp1610) + AGRI estimations based on several other indices such as producer prices, labour costs, etc.

\*Not all cost categories have been included in the estimation for this quarter due to lack of available data

# Food processing industry – Cost structure/Index of costs - Methodology

## National accounts

Supply, use and input-output tables  
Data up to 2022

Map cost categories

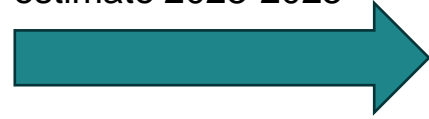


- Products of agriculture purchased
- Food and beverages purchased
- Wholesale trade services
- Transport services and warehousing
- Retail trade services
- Energy
- Materials
- Equipment
- Services
- Others – no data
- Labour
- Taxes

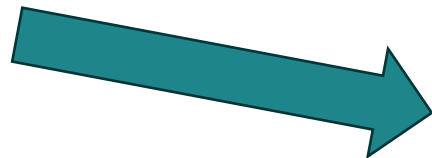
## Relevant indices - Estimation

Producer prices (Short-term business statistics), outputs, labour costs, inflation  
Data up to 2025

Harmonise indices to same reference year and estimate 2023-2025



**Structure of costs – Food processing industry (2013-2025Q1)**



**Index of costs – Food processing industry (2020-2025Q1)**

Use indices to track evolution of costs

# Thank you



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