Annual Survey of Industries, 2024-25
Flow Chart for Tabulation Program

Volume – I (Tables – 1 & 2)

Srl.	Description	Formula
1	No. of factories	A_{11}, for A_{12} = 1, 2, 3 and 4
2	Factories in operation	A_{11}, for A_{12} = 1, 2 and 3
3	Fixed Capital	$\sum_{i=1}^{9} C_{i,13}$ for $i \neq 8$
4	Physical Working Capital	$\sum_{i=1}^{6} D_{i,4}$ for $i \neq 4$
5	Working Capital	Srl. 4 $+D_{8,4} + D_{9,4} + D_{10,4} - (D_{12,4} + D_{13,4} + D_{14,4})$
6	Invested Capital	Srl. 3 + Srl. 4
7	Gross Value of additions to fixed capital	$\sum_{i=1}^{9} C_{i,5}$ for $i \neq 8$
8	Rent paid	$F_{9,3}$
9	Outstanding Loan	$D_{17,4}$
10	Interest paid	$F_{10,3}$
11	Rent received	$G_{9,3}$
12	Interest Received	$G_{10,3}$
13	Gross Value of P&M	$C_{3,7}$
14	Value of Products & By-products	$\sum_{\boldsymbol{i>0, i\neq 12}} \boldsymbol{J_{i,13} + G_{4,3} + G_{7,3}}$
15	Other Output	$G_{1,3} + G_{2,3} + G_{3,3} + G_{6,3} + G_{8,3} + G_{11,3} + F_{7,3}$
16	Total Output	Srl. 14 + Srl. 15
17	Fuels consumed	$H_{16,6} + H_{17,6} + H_{18,6} + H_{19,6} + H_{20,6}$
18	Materials consumed for Manufacturing	$\sum_{i=1}^{11} H_{i,6} + \sum_{i>24} H_{i,6} + H_{13,6} + H_{14,6} + H_{21,6} + \sum_{i>0, i\neq 7} I_{i,6}$
19	Other Input	$F_{1,3} + F_{2(i),3} + F_{2(ii),3} + F_{3,3} + F_{4,3} + F_{6,3} + F_{7,3} + F_{8,3} + F_{11,3}$
20	Total Input	Srl. 17 + Srl. 18 + Srl. 19
21	GVA	Srl. 16 *minus* Srl. 20

Srl.	Description	Formula
22	Depreciation	$\sum_{i=1}^{9} C_{i,9}$ for $i \neq 8$
23	NVA	Srl. 21 *minus* Srl. 22
24	Net Fixed Capital Formation (NFCF)	$\sum_{i=1}^{9}(C_{i,13} - C_{i,12} - C_{i,4}) + F_{7,3}$ for $i \neq 8$
25	Gross Fixed Capital Formation (GFCF)	Srl. 24 + Srl. 22
26	Addition in stock of:	
	(a) Materials, Fuels etc.	$\sum_{i=1}^{3}(D_{i,4} - D_{i,3})$
	(b) Semi-Finished Goods	$D_{5,4} - D_{5,3}$
	(c) Finished Goods	$D_{6,4} - D_{6,3}$
	(d) Total	$(a)+(b)+(c)$
27	Gross Capital Formation	Srl. 25 + Srl. 26(d)
28	Net income	Srl. 23 – $(F_{9,3} + F_{10,3})$
29	Profit	Srl. 28 $- \sum_{i=1, i\neq 4,6}^{8} E_{i,8} - E_{11,8} - E_{12,8} - E_{13,8}$
Volume – I (Tables – 3 & 4)		
A	*Average no. of persons engaged*	$\sum_{i\,=\,1, i\,\neq 4,6}^{9} E_{i,6}$
1	Workers	$E_{1,6} + E_{2,6} + E_{3,6} + E_{5,6}$
1.1	Directly employed	$E_{1,6} + E_{2,6} + E_{3,6}$
1.1.1	Men	$E_{1,6}$
1.1.2	Women	$E_{2,6}$
1.1.3	Transgender	$E_{3,6}$
1.2	Employed through Contractors	$E_{5,6}$
2	Employees other than worker	$E_{7,6} + E_{8,6}$
2.1	Supervisory & Managerial Staff	$E_{7,6}$
2.2	Other employees	$E_{8,6}$
3	Unpaid family members/proprietor etc.	$E_{9,6}$

Srl.	Description	Formula
B	Man-days employed, Total	$\sum_{i=1, i\neq 4,6}^{8} E_{i,5}$
C	Wages & Salaries, Employer's Contribution	1 + 2 (As defined below)
1	Wages & Salaries including Bonus	1.1 + 1.2 (As defined below)
1.1	Wages & Salaries	1.1.1 + 1.1.2 + 1.1.3 (As defined below)
1.1.1	Workers	$E_{1,8} + E_{2,8} + E_{3,8} + E_{5,8}$
1.1.2	Supervisory & Managerial Staff	$E_{7,8}$
1.1.3	Other Employees	$E_{8,8}$
1.2	Bonus to all Staff	$E_{11,8}$
2	Employer's Contribution etc.	$E_{12,8} + E_{13,8}$
Volume – I (Tables – 5 & 6) Fuels Consumed		
1	Coal Consumed	$H_{18,6}$
2	Electricity Purchased	$H_{16,6}$
3	Petroleum Products	$H_{17,6}$
4	Gas Consumed	$H_{19,6}$
5	Other Fuels	$H_{20,6}$

Remarks:

a) Alphabets in italics under the 'Formula' column represent the block codes used in the schedule.
b) Unless otherwise mentioned, the symbols are of the form Block with suffix <*Block Row, Column*>. For example, $E_{8,7}$ represents Row with serial number 8 and column number 7 of Block E.
c) 'No. of factories' in Volume I are calculated for A_{12} = 1, 2, 3 and 4.
d) 'Factories in operation' in Volume I are calculated for A_{12} = 1, 2 and 3.
e) All other parameters in Volume I are calculated for A_{12} = 1, 2 and 3.
f) For calculation of closing values 'Addition due to revaluation' (Column 4 of Block C) has not been considered.
g) For calculating 'Gross Value of Plant & Machinery' (sl. no. 13) against "Volume I (Tables 1 & 2)" $C_{3,7}$ has been used in place of $C_{3,3} + C_{3,4} + C_{3,5} - C_{3,6}$ because of non-availability of information in the schedule.