

Annual Survey of Industries, 1999 – 2000
Flow Chart for Tabulation Program

Volume – I(Table – 1 & 2)

Srl.	Description	Formula
1	No. of factories	A11
2	Factories in operation	A11, for A12#2
3	Fixed Capital	$\sum_{i=1}^6 C_{i,13} + C_{8,13}$
4	Physical Working Capital	$\sum_{i=1}^6 D_{i,4}$ For i#4
5	Working Capital	4 + D8,4 + D9,4 + D10,4 – (D12,4 + D13,4 + D14,4)
6	Invested Capital	3 + 4
7	Gross Value of additions to fixed capital	$\sum_{i=1}^8 C_{i,5}$ For i#7
8	Rent paid	F7,3 + F8,3
9	Outstanding Loan	D17,4
10	Interest paid	F9,3
11	Gross Value of P&M	C3,3 + C3,4 + C3,5 – C3,6
12	Value of Products & By-products	$\sum_{i=1}^{11} J_{i,13} + G_{2,3} + G_{4,3}$
13	Total Output	12 + G1,3 + G3,3 + G7,3
14	Fuels consumed	H11,6 + H12,6 + H13,6 + H14,6
15	Materials consumed	$\sum_{i=1}^6 H_{i,6} + H_{8,6} + H_{9,6} + \sum_{i=1}^6 I_{i,6} + H_{15,6}$
16	Total Input	14 + 15 + F1,3 + F2(i),3 + F2(ii),3 + F2(iii),3 + F3,3 + F4,3 + F5,3 + F10,3
17	GVA	13 – 16
18	Depreciation	$\sum_{i=1}^6 C_{i,9} + C_{8,9}$
19	NVA	17 – 18
20	Net Fixed Capital Formation (NFCF)	$\sum_{i=1}^8 (C_{i,13} - C_{i,12} - C_{i,4})$ For i#7
21	Gross Fixed Capital Formation (GFCF)	20 + 18
22	Addition in stock of:	
	(a) Materials, Fuels Etc.	$\sum_{i=1}^3 (D_{i,4} - D_{i,3})$
	(b) Semi-Finished Goods	(D5,4 – D5,3)
	(c) Finished Goods	(D6,4 – D6,3)
	(d) Total	(a) + (b) + (c)
23	Gross Capital Formation	21 + 22(d)
24	Net income	19 – (8 + 10)
25	Profit	$24 - \sum_{i=1, i \neq 4, 6}^8 (E_{i,7} + E_{i,8}) - \sum_{i=6}^8 (E_{i,9} + E_{i,10})$

Annual Survey of Industries, 1999 – 2000
Flow Chart for Tabulation Program

Volume – I (Table – 3 & 4)

Srl.	Description	Formula
A	Average no. of persons engaged	$\sum_{i=1, i \neq 4, 6}^8 E_{i,6}$
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	Children	$E_{3,6}$
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	$E_{8,6}$
B	Man-days employed, Total	$\sum_{i=1, i \neq 4, 6}^8 E_{i,5}$
C	Wages & Salaries, Employer's Contribution	$1 + 2$
1	Wages & Salaries including Bonus	$1.1 + 1.2$
1.1	Wages & Salaries	$1.1.1 + 1.1.2 + 1.1.3$
1.1.1	Workers	$E_{1,7} + E_{2,7} + E_{3,7} + E_{5,7}$
1.1.2	Supervisory & Managerial Staff	$E_{7,7}$
1.1.3	Other Employees	$E_{8,7}$
1.2	Bonus to all Staff	$\sum_{i=1, i \neq 4, 6}^8 E_{i,8}$
2	Employer's Contribution etc.	$E_{6,7} + E_{7,7} + E_{8,7}$

Remarks:

- Alphabets in italics under the 'Formula' column represent the block codes used in the schedule
- Unless otherwise mentioned, the symbols are of the form *<Block Row, Column>*. For example $E_{8,7}$ represents Row with serial number 8 and column number 7 of Block E.
- 'No. of factories' in Volume I (Table 1&2) are calculated for A12 = 1, 2, 17, 18, 19, 20 where codes 17 to 20 indicate extracted data from the previous year.
- 'Factories in operation' in Volume I are calculated for A12 = 1, 17, 18, 19, 20 where codes 17 to 20 indicate extracted data from the previous year.
- For calculation of closing values 'Addition due to revaluation' (Column 4 of Block C) has not been considered.
- All other parameters in volume I are calculated for A12 < 7 or A12 >= 17.
- For calculating 'Gross Value of Plant & Machinery' in Volume I (Table 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.
- For calculating 'Man-days employed, Total' in Volume I (Table 3&4), $E_{9,5}$ has been used in place of $\sum_{i=1, i \neq 4, 6}^8 E_{i,5}$ because of non-availability of constituent items in the schedule
- For calculating 'Bonus to all Staff' in Volume I (Table 3&4), $E_{9,8}$ has been used in place of $\sum_{i=1, i \neq 4, 6}^8 E_{i,8}$ because of non-availability of constituent items in the schedule