

Annual Survey of Industries, 1998 – 1999
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	$\sum_{i=1}^8 Ci,13$ For I #7
4	Physical Working Capital	$\sum_{i=1}^6 Di,4$ 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	$\sum_{i=1}^8 Ci,5$ 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	$\sum_{i=1}^{11} Ji,13 + G2,3 + G4,3$
13	Total Output	12 + G1,3 + G3,3 + G7,3
14	Fuels consumed	H11,6 + H12,6 + H13,6 + H14,6
15	Materials consumed	$\sum_{i=1}^6 Hi,6 + H8,6 + H9,6 + \sum_{i=1}^6 Ii,6 + H15,6$
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	$\sum_{i=1}^8 Ci,9$ For I#7
19	NVA	17 – 18
20	Net Fixed Capital Formation (NFCF)	$\sum_{i=1}^8 (Ci,13 - Ci,12 - Ci,4)$ For i#7
21	Gross Fixed Capital Formation (GFCF)	20 + 18
22	Addition in stock of:	
	(a) Materials, Fuels Etc.	$\sum_{i=1}^3 (Di,4 - Di,3)$
	(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	$24 - \sum_{i=1, i \neq 4, 6}^8 (Ei,5 + Ei,6) - \sum_{i=6}^8 Ei,7$

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Volume – I (Table – 3 & 4)

Srl.	Description	Formula
A	Average no. of persons engaged	$\sum_{i=1, i \neq 4, 6}^8 Ei,4$
1	Workers	$E1,4 + E2,4 + E3,4 + E5,4$
1.1	Directly employed	$E1,4 + E2,4 + E3,4$
1.1.1	Men	$E1,4$
1.1.2	Women	$E2,4$
1.1.3	Children	$E3,4$
1.2	Employed through Contractors	$E5,4$
2	Employees other than worker	$E7,4 + E8,4$
2.1	Supervisory & Managerial Staff	$E7,4$
2.2	Other employees	$E8,4$
B	Man-days employed, Total	$\sum_{i=1, i \neq 4, 6}^8 Ei,3$
C	Wages & Salaries, Employer's Contribution	1 + 2 (As defined below)
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	$E1,5 + E2,5 + E3,5 + E5,5$
1.1.2	Supervisory & Managerial Staff	$E7,5$
1.1.3	Other Employees	$E8,5$
1.2	Bonus to all Staff	$\sum_{i=1, i \neq 4, 6}^8 Ei,6$
2	Employer's Contribution etc.	$E6,7 + E7,7 + E8,7$
Volume – I (Table – 5 & 6) Fuels Consumed		
1	Coal Consumed	H13, 6
2	Electricity Purchased	H11, 6
3	Petroleum Products	H12, 6
4	Other Fuels	H14, 6

Note: ASI 1997-98 extracted data needs to be augmented to match the results with Publication.

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 $E8,7$ 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) $C3,7$ has been used in place of $C3,3 + C3,4 + C3,5 - C3,6$ because of non-availability of information in the schedule.
- For calculating 'Man-days employed, Total' in Volume I (Table 3&4), $E9,3$ has been used in place of $\sum_{i=1, i \neq 4, 6}^8 Ei,3$ because of non-availability of constituent items in the schedule
- For calculating 'Bonus to all Staff' in Volume I (Table 3&4), $E9,8$ has been used in place of $\sum_{i=1, i \neq 4, 6}^8 Ei,8$ because of non-availability of constituent items in the schedule