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	$A11$, $forA$ $12 \# 2$
3	Fixed Capital	$\sum_{i=1}^{6} Ci,13 + C8,13$
4	Physical Working Capital	$\sum_{i=1}^{6} Di,4 \quad For \quad i \# 4$
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	$\sum_{i=1}^{8} Ci,5 \quad For \quad i \# 7$
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	$\sum_{i=1}^{6} Ci,9 + C8,9$
19	NVA	$17 - 18$
20	Net Fixed Capital Formation (NFCF)	$\sum_{i=1}^{8} (Ci,13 - Ci,12 - Ci,4) \quad For \quad i \# 7$
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	$24 - \sum_{i=1, i \# 4,6}^{8} (Ei,7 + Ei,8) - \sum_{i=6}^{8} (Ei,9 + Ei,10)$

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	$\sum_{i=1,i\#4,6}^{8} Ei,6$
1	Workers	$E1,6 + E2,6 + E3,6 + E5,6$
1.1	Directly employed	$E1,6 + E2,6 + E3,6$
1.1.1	Men	$E1,6$
1.1.2	Women	$E2,6$
1.1.3	Children	$E3,6$
1.2	Employed through Contractors	$E5,6$
2	Employees other than worker	$E7,6 + E8,6$
2.1	Supervisory & Managerial Staff	$E7,6$
2.2	Other employees	$E8,6$
B	Man-days employed, Total	$\sum_{i=1,i\#4,6}^{8} Ei,5$
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	$E1,7 + E2,7 + E3,7 + E5,7$
1.1.2	Supervisory & Managerial Staff	$E7,7$
1.1.3	Other Employees	$E8,7$
1.2	Bonus to all Staff	$\sum_{i=1,i\#4,6}^{8} Ei,8$
2	Employer's Contribution etc.	$E10,9 + E10,10$
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

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 Row, Column>*. For example $E8,7$ represents Row with serial number 8 and column number 7 of Block E.

c) '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.

d) For calculation of closing values 'Addition due to revaluation' (Column 4 of Block C) has not been considered.

e) 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.

f) For calculating 'Man-days employed, Total' in Volume I (Table 3&4), $E9,5$ has been used in place of $\sum_{i=1,i\#4,6}^{8} Ei,5$ because of non-availability of constituent items in the schedule

g) For calculating 'Bonus to all Staff' in Volume I (Table 3&4), $E9,8$ has been used in place of $\sum_{i=1,i\#4,6}^{8} Ei,8$ because of non-availability of constituent items in the schedule