

**TRADE APPRENTICESHIP TRAINING IN
INDIA
[AS ON 31.3.2000]**

**UNDER
APPRENTICESHIP TRAINING SCHEME**

**GOVERNMENT OF INDIA
MINISTRY OF LABOUR
DIRECTORATE GENERAL OF EMPLOYMENT & TRAINING
SURVEY & STUDY DIVISION
3/10, JAM NAGAR HOUSE
NEW DELHI**

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P R E F A C E

This publication is fifth in series of its kind and an attempt towards creating a reliable data base for planning and corrective action for apprenticeship training under the Apprentices Act. This publication presents statistics on establishments engaged in apprenticeship training, intake capacity, output and their employability in the Labour Market alongwith a brief analysis of the present scenario. I hope that this publication will be helpful not only to the planners but also to the Employers, Employees and those who are aspiring for jobs.

The data presented in this publication relates to Trade Apprentices which have been collected through the State Apprenticeship Advisors (SAAs) and Regional Directors of Apprenticeship Training (RDATs).

I place on record my appreciation of the work done by Shri R.K. Mathur, Dy. Director and his team of officers and staff in the Survey and Study Division under the overall guidance of Shri P.K. Ray, Dy. Director General (Employment) in preparing and presenting this publication.

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(MRS. ASHA MURTY)
DIRECTOR GENERAL OF EMPLOYMENT & TRAINING/
JOINT SECRETARY
MINISTRY OF LABOUR

STUDY TEAM

- | | |
|-----------------------------|--|
| 1. Sh. P.K. Ray | Dy. Director General (Employment) |
| 2. Sh. R.K. Mathur | Dy. Director of Employment Exchanges |
| 3. Sh. A.S. Khan | Asstt. Director of Employment Exchanges |
| 4. Sh. Kesho Ram | Research Officer |
| 5. Sh. Mela Ram | Junior Investigator |
| 6. Sh G.P. Gupta | Junior Investigator |
| 7. Sh. Gopal Krishan | Junior Investigator |

Computer Assistance

Sh. Sandeep Kumar Garg	Junior Computer
-------------------------------	------------------------

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A. INTRODUCTION

Development of human resource is crucial for the industrial development of any nation. This problem has become more acute because of the rapidity with which changes in skill profiles are being brought about by developments in technology. The Apprentices Act, 1961 was enacted with the following objectives: -

- (I) To regulate the programme of training of apprentices in the industry so as to conform to the prescribed syllabi, period of training etc., as laid down by the Central Apprenticeship Council; and
- (II) To utilise fully the facilities available in industry for imparting practical training with a view to meeting the requirements of skilled manpower for industry.

2 The Apprentices Act came into force on March 1, 1962. Initially the Act envisaged training of trade apprentices. The training of Graduates and Diploma Holders in Engineering and Technology as Graduate and Technician Apprentices was brought within the purview of the Act through an amendment in 1973. The Apprentices Act has been further amended to bring within its purview the students passing out of the 10+2 vocational stream as Technician (Vocational) Apprentices. The training of this category of apprentices has commenced in terms of the requisite Rules notified in October 1987.

3. The Apprentices Act makes it obligatory on the part of employers both in public and private sector industries to engage trade apprentices according to the ratio of apprentices to workers other than unskilled workers in designated trades prescribed under the rules. In order to locate optimum facilities for apprenticeship training, the training places are located on the basis of surveys conducted in the industrial establishments. The duration of training for trade apprentices varies from six months to four years depending upon the requirements of the trade. The syllabi for different trades are prepared by the respective Trade Committees comprising trade-experts from industry. The engagement of apprentices is done twice a year during February-March and August-September. Similarly the test is also held twice a year.

4. The responsibility for implementing the Apprentices Act, 1961 in respect of Trade Apprentices in Central Government establishments/departments rests with the Central Apprenticeship Advisor/Director of Apprenticeship Training in the DGE&T, Ministry of Labour with the assistance of six Regional Directorates of Apprenticeship Training (RDATs) located at Chennai, Faridabad, Hyderabad, Kanpur, Kolkata and Mumbai. The State Governments/UT Administrations are responsible for implementing the scheme in their respective departments, undertakings and private sector establishments through the State Apprenticeship Advisers (SAAs). The Training Programme for Graduate Engineers, Diploma Holders and Technician (Vocational) Apprentices is controlled by four Regional Boards of Apprenticeship Training (BOATs), which are autonomous bodies under the Department of Education, Ministry of Human Resource Development. In this publication an attempt has been made to present the overall scenario on Trade Apprentices.

5. Statistics on trade apprentices are collected through Regional Directors of Apprenticeship Training in the Central Sector and State Apprenticeship Advisers of various States/ UTs in the State/Private Sector in ATS-1 to ATS-6 forms. The data presented in this publication relates to the data as on 31st March 2000. The response rate was of the order of 100% in the Central Sector and 92% in the State/ Private Sector in respect of establishments, intake capacity and number of apprentices on roll.

B. OVERALL TRADE APPRENTICESHIP TRAINING

As on 31st March 2000, the training facilities were available in 803 establishments in the Central Sector and 27722 establishments in the State/ Private Sector. Table-1 depicts the statistical trend of the overall trade apprenticeship training in India. Table-2 reflects its further break up by Central Sector and State/Private Sector. As against a total of 28525 establishments with training facilities, only 19307 (68%) establishments actually engaged apprentices. Thus capacity utilisation as well as participation of establishments was not satisfactory. State-wise number of establishments with training facilities and the number of establishments actually engaging apprentices are given in Annexure-I & II. The intake capacity as well as the apprentices on roll are given in Annexure-III. The overall bird's eye view as on 31.3.2000 is presented in Table-2.

TABLE-1**OVERALL TRADE APPRENTICESHIP TRAINING**

AS ON 31ST MARCH						
	1995	1996	1997	1998	1999	2000
1. No. of estts. having training facilities	26247	26201	27025	26596	28429	28525
2. No. of estts. engaging apprentices	16449	16843	17049	17731	18897	19307
3. Intake capacity	221749	231112	238605	231562	236695	225084
4. No. of apprentices on roll	140093	148819	156312	161144	168646	162845

As per the information available for 2000, out of 162845 apprentices on roll as many as 124992 (77%) were ex-ITI trainees and the remaining 37853 (23%) were freshers.

TABLE-2**OVERALL TRADE APPRENTICESHIP TRAINING**

AS ON 31ST MARCH 2000			
	Central Sector	State/Private Sector	Total
1. No. of estts. having training facilities	803	27722	28525
2. No. of estts. engaging apprentices	590	18717	19307
3. Intake capacity	41138	183946	225084
4. No. of apprentices on roll	32817	130028	162845

Out of 28525 establishments with intake capacity of 225084, only 19307 establishments were engaging 162845 apprentices resulting in about 80% and 71% utilisation of capacity in Central Sector and State/Private Sector respectively. 32% of the establishments with training facilities are not participating in the apprenticeship-training programme. Effective enforcement of the Act will yield better result and further reduce the gap.

Examination (popularly known as trade test) is held twice a year in April/ May and November/December. 44476 candidates appeared for trade test during May 1999 and around 60214 candidates appeared in the trade test held in November/December 1999. Thus, out of total 168646 apprentices on roll as on 31st March 1999 about 104690 have appeared in the trade tests. Out of 44476 candidates who appeared in the trade test in May 1999, 26597 candidates were declared successful and out of 60214 candidates who appeared in November/December 1999 test, about 38926 candidates were declared successful. The percentage of successful apprentices was 60% in May 1999 and 65% in November/December 1999 trade tests respectively. State-wise details of candidates appeared and passed out for the trade test conducted in May 1999 and November/December 1999 are given in Annexure-IV & V respectively.

C. TRADE APPRENTICES IN CENTRAL SECTOR

As on 31st March 2000, there were 803 establishments with training facilities. Out of these, only 590 establishments were engaging apprentices. More or less, a declining trend both in terms of establishments with training facilities and establishments engaging apprentices have been observed since 1996 except some increase in 1998 and 2000 relating to establishments engaging apprentices. Such low participation on the part of the establishments, particularly in the Central Sector, needs to be analyzed. In these 803 establishments, the intake capacity was of the order of 41138 against which 32817 apprentices were on roll resulting in 80% utilisation of the capacity. 10.10 thousand apprentices appeared in the trade test held in May 1999, out of which 8.59 thousand passed out. Similarly 11.53 thousand apprentices appeared in the trade test held in November/December, 1999 out of which about 10.00 thousand apprentices were successful. The percentage of successful apprentices was thus 85% and 87% in May 1999 and November/December 1999 trade tests respectively. The details about the trade apprentices during the year 1995 to 2000 are given in Table -3.

TABLE-3**TRADE APPRENTICES IN CENTRAL SECTOR**

AS ON 31ST MARCH						
	1995	1996	1997	1998	1999	2000
1. No. of estts. having training facilities	894	869	848	839	833	803
2. No. of estts. engaging apprentices	604	585	571	575	557	590
3. Intake capacity	49823	49110	46691	45422	44295	41138
4. No. of apprentices on roll	32479	32849	33841	34384	34179	32817

The maximum number of establishments having training facilities in the Central Sector are located in Maharashtra (116) followed by West Bengal (75) and Uttar Pradesh (67). The participation of establishments in the States of Maharashtra and U.P was 82% and 79% respectively. The participation in West Bengal was as low as 64% only.

D. TRADE APPRENTICES IN THE STATE/PRIVATE SECTOR

State/Private Sector contributes the maximum number of apprentices under the Apprenticeship Training under the Apprentices Act, 1961. As on 31.3.2000, there were 27722 establishments with training facilities, out of which 18717 establishments actually participated in the Apprenticeship Training Programme. The participation rate in their case is of the order of 68%. The performance of the State/Private Sector for the period 1995-2000 is shown in Table-4. It may be observed that every year, more and more number of establishments have started engaging apprentices contrary to what is observed in the Central Sector during the same period. As on 31st March 2000, the intake capacity in these establishments was of the order of about 1.84 lakhs against which 1.30 lakhs trade apprentices were on roll. The capacity utilisation, therefore, was of the order of 71%. 34370 apprentices took the trade test held in May 1999, out of which 18005 passed out. Similarly about 48676 apprentices appeared in the trade test held in November/December 1999, out of which about 28928 were declared successful. The percentage of successful apprentices, therefore,

was 52% in May 1999 and 59% in November/December, 1999 trade tests respectively, which is low as compared to the percentage of successful apprentices observed in the Central Sector. This indicates that the quality of training being imparted in the Central Sector may be better than the State/Private Sector.

TABLE-4

TRADE APPRENTICES IN STATE/PRIVATE SECTOR

AS ON 31ST MARCH						
	1995	1996	1997	1998	1999	2000
1. No. of estts. having training facilities	25353	25332	26177	25757	27596	27722
2. No. of estts. engaging apprentices	15845	16258	16478	17156	18340	18717
3. Intake capacity	171926	182002	191914	186140	192400	183946
4. No. of apprentices on roll	107614	115970	122471	126760	134467	130028

E. TRADEWISE APPRENTICESHIP TRAINING

As on 31.3.2000, there were 139 trades being covered under the Act. The intake capacity and number of apprentices on roll, as on 31.3.2000 and number of candidates appeared and passed out in the trade tests held during the year 1999 are shown in Annexure-VI. It may be seen therefrom that there were many trades in which the actual enrolment was negligible as compared to intake capacity. Largest (39915) capacity was in Fitter Trade and the lowest (1) in Health & Slimming Assistant trade. In five trades viz, Fibre Reinforced Plastic Processor, Advanced Attendant Operator (Process), Operator-cum-Mechanic Pollution Control Edn. Equipment, Mechanic Medical Equipment for Hospitals and Occupational Health Centers and Operator-cum-Mechanic (Power Plant) there were neither the intake capacity nor enrolment. Though the intake capacity and enrolment position was also “nil” relating to Millwright (Rolling Mills) trade, but its name is shown in the list of trades as per the available information of Apprentices appeared and passed out in November/December 1999. Further in three trades, namely Mechanic (Marine Diesel Engines), Health & Slimming Assistant and Moulder (Refractory) there were no enrolment though intake capacity exist.

F. EMPLOYMENT & UNEMPLOYMENT OF APPRENTICESHIP TRAINEES

As per the information available, 134328 Job-seekers with full term apprentices were on the Live Register of the employment exchanges as on 31st December 1998 .Their State-wise distribution is given in Annexure-VII. It can be observed therefrom that maximum concentration of the Job-seekers is in Southern Region. As against this, the placement made through the Employment Exchanges was of the order of only 2590. In this connection, it may be mentioned that all the job-seekers on the live register are not necessarily unemployed. As per the survey carried out in 1988, about 38.7% of the National Apprenticeship Certificate holders were employed but continued on the rolls of the employment exchanges for better/regular employment/ employment in the organized sector. Considering this, the actual unemployment may be of the order of around 54,575 as on 31st December 1998.

Annexure-I

Statement showing State-wise number of establishments having training facilities as on 31.3.2000 under the Apprenticeship Training Scheme.

Sl. No.	Name of the State/U.T.	Number of establishments having training facilities in		
		Central Sector	State/Private Sector	Total
1.	2.	3.	4.	5.
1.	Andhra Pradesh	60	1882	1942
2.	Assam	20	94	114
3.	Bihar	54	615	669
4.	Delhi	31	1160	1191
5.	Goa	7	73	80
6.	Gujarat	37	5149	5186
7.	Haryana	20	835	855
8.	Himachal Pradesh	8	96	104
9.	Jammu & Kashmir	3	92	95
10.	Karnataka	49	2567	2616
11.	Kerala	31	749	780
12.	Madhya Pradesh	36	321	357
13.	Maharashtra	116	4468	4584
14.	Manipur	3	56	59
15.	Meghalaya	6	-	6
16.	Nagaland	2	-	2
17.	Orissa	45	435	480
18.	Punjab	28	767	795
19.	Rajasthan	31	861	892
20.	Tamilnadu	58	2081	2139
21.	Tripura	4	-	4
22.	Uttar Pradesh	67	4492	4559
23.	West Bengal	75	825	900
24.	Andaman & Nicobar	8	-	8
25.	Chandigarh	3	41	44
26.	Pondicherry	1	63	64
	All India Total	803	27722	28525

Annexure-II

Statement showing State-wise number of establishments actually engaging apprentices as on 31.3.2000 under the Apprenticeship Training Scheme.

Sl. No.	Name of the State/U.T.	Number of establishments engaging apprentices in		
		Central Sector	State/Private Sector	Total
1.	2.	3.	4.	5.
1.	Andhra Pradesh	45	1753	1798
2.	Assam	11	60	71
3.	Bihar	26	159	185
4.	Delhi	25	1142	1167
5.	Goa	7	46	53
6.	Gujarat	25	3850	3875
7.	Haryana	16	733	749
8.	Himachal Pradesh	5	56	61
9.	Jammu & Kashmir	3	63	66
10.	Karnataka	42	774	816
11.	Kerala	28	678	706
12.	Madhya Pradesh	32	246	278
13.	Maharashtra	95	3190	3285
14.	Manipur	1	21	22
15.	Meghalaya	1	-	1
16.	Nagaland	-	-	-
17.	Orissa	29	355	384
18.	Punjab	20	641	661
19.	Rajasthan	23	227	250
20.	Tamilnadu	51	1328	1379
21.	Tripura	-	-	-
22.	Uttar Pradesh	53	2594	2647
23.	West Bengal	48	727	775
24.	Andaman & Nicobar	1	-	1
25.	Chandigarh	2	35	37
26.	Pondicherry	1	39	40
	All India Total	590	18717	19307

Annexure-III

Statement showing State-wise intake capacity and apprentices undergoing training as on 31.3.2000 under the Apprenticeship Training Scheme.

Sl. No.	Name of the State/U.T.	Intake capacity			No. of apprentices undergoing training		
		Central Sector	State/Pvt. Sector	Total	Central Sector	State/Pvt. Sector	Total
1.	2.	3.	4.	5.	6.	7.	8.
1.	Andhra Pradesh	3421	17419	20840	3228	13533	16761
2.	Assam	650	579	1229	359	105	464
3.	Bihar	2602	3093	5695	1495	1966	3461
4.	Delhi	1109	4977	6086	667	3976	4643
5.	Goa	218	652	870	203	313	516
6.	Gujarat	813	23601	24414	592	16406	16998
7.	Haryana	1885	6477	8362	2167	5025	7192
8.	Himachal Pradesh	148	1931	2079	90	678	768
9.	Jammu & Kashmir	53	412	465	49	412	461
10.	Karnataka	4510	17157	21667	3079	11617	14696
11.	Kerala	1816	7039	8855	1032	5647	6679
12.	Madhya Pradesh	2994	4012	7006	2475	1491	3966
13.	Maharashtra	3975	28887	32862	3437	26524	29961
14.	Manipur	21	80	101	14	49	63
15.	Meghalaya	41	-	41	6	-	6
16.	Nagaland	5	-	5	-	-	-
17.	Orissa	1402	3745	5147	908	2939	3847
18.	Punjab	750	5449	6199	481	3876	4357
19.	Rajasthan	936	6755	7691	705	2494	3199
20.	Tamilnadu	5414	22229	27643	4030	13560	17590
21.	Tripura	34	-	34	-	-	-
22.	Uttar Pradesh	4093	24242	28335	3573	15607	19180
23.	West Bengal	4124	4317	8441	4173	3382	7555
24.	Andaman & Nicobar	62	-	62	3	-	3
25.	Chandigarh	50	249	299	40	153	193
26.	Pondicherry	12	644	656	11	275	286
	All India Total	41138	183946	225084	32817	130028	162845

Annexure-IV

Statement showing State-wise number of apprentices appeared and passed out in the trade test held in May 1999 under the Apprenticeship Training Scheme.

Sl. No.	Name of the State/U.T.	Number Appeared			Number Passed		
		Central Sector	State/ Pvt. Sector	Total	Central Sector	State/ Pvt. Sector	Total
1.	2.	3.	4.	5.	6.	7.	8.
1.	Andhra Pradesh	1396	6510	7906	1181	3015	4196
2.	Assam	104	36	140	85	26	111
3.	Bihar	221	579	800	151	525	676
4.	Delhi	190	328	518	180	184	364
5.	Goa	50	64	114	47	46	93
6.	Gujarat	262	4065	4327	209	2110	2319
7.	Haryana	920	748	1668	766	485	1251
8.	Himachal Pradesh	10	234	244	10	123	133
9.	Jammu & Kashmir	-	-	-	-	-	-
10.	Karnataka	1258	2210	3468	1045	796	1841
11.	Kerala	462	861	1323	384	420	804
12.	Madhya Pradesh	956	599	1555	842	274	1116
13.	Maharashtra	613	6065	6678	516	3110	3626
14.	Manipur	-	37	37	-	30	30
15.	Meghalaya	-	-	-	-	-	-
16.	Nagaland	-	-	-	-	-	-
17.	Orissa	196	292	488	183	258	441
18.	Punjab	138	1568	1706	92	1006	1098
19.	Rajasthan	261	378	639	230	193	423
20.	Tamilnadu	1554	8297	9851	1329	4205	5534
21.	Tripura	-	-	-	-	-	-
22.	Uttar Pradesh	967	819	1786	892	639	1531
23.	West Bengal	538	531	1069	442	479	921
24.	Chandigarh	10	29	39	8	24	32
25.	Pondicherry	-	120	120	-	57	57
	All India Total	10106	34370	44476	8592	18005	26597

Annexure-V

Statement showing State-wise number of apprentices appeared and passed out in the trade test held in November/December 1999 under the Apprenticeship Training Scheme.

Sl. No.	Name of the State/U.T.	Number Appeared			Number Passed		
		Central Sector	State/ Pvt. Sector	Total	Central Sector	State/ Pvt. Sector	Total
1.	2.	3.	4.	5.	6.	7.	8.
1.	Andhra Pradesh	1127	7826	8953	880	2996	3876
2.	Assam	79	21	100	67	15	82
3.	Bihar	144	# 579	723	108	# 525	633
4.	Delhi	230	906	1136	215	615	830
5.	Goa	60	72	132	50	46	96
6.	Gujarat	210	6322	6532	164	4087	4251
7.	Haryana	687	1513	2200	558	1229	1787
8.	Himachal Pradesh	47	236	283	47	131	178
9.	Jammu & Kashmir	1	51	52	1	31	32
10.	Karnataka	1771	2402	4173	1559	970	2529
11.	Kerala	430	923	1353	369	412	781
12.	Madhya Pradesh	1166	563	1729	1050	312	1362
13.	Maharashtra	1254	16834	18088	1121	11357	12478
14.	Manipur	-	3	3	-	2	2
15.	Meghalaya	-	-	-	-	-	-
16.	Nagaland	-	-	-	-	-	-
17.	Orissa	84	441	525	83	421	504
18.	Punjab	226	1300	1526	191	954	1145
19.	Rajasthan	113	437	550	93	182	275
20.	Tamilnadu	1858	6636	8494	1666	3358	5024
21.	Tripura	-	-	-	-	-	-
22.	Uttar Pradesh	1224	819	2043	1160	642	1802
23.	West Bengal	814	566	1380	603	475	1078
24.	Andaman & Nicobar	-	-	-	-	-	-
25.	Chandigarh	9	33	42	9	28	37
26.	Pondicherry	4	193	197	4	140	144
	All India Total	11538	48676	60214	9998	28928	38926

Note :- # Figures relate to May, 1999.

Annexure-VI

Statement showing trade-wise intake capacity and number of apprentices undergoing training as on 31.3.2000 and apprentices appeared and passed out in the trade tests held during the year 1999 under the Apprenticeship Training Scheme.

Sl. No.	Trade	Position as on 31.3.2000		Position of trade test held in			
		Intake Capacity	Apprentices undergoing training	May, 1999		Nov./Dec., 1999 *	
				Appeared	Passed	Appeared	Passed
1	2	3	4	5	6	7	8
1.	Fitter	39915	33714	11631	6806	14259	8948
2.	Turner	14387	9564	2493	1692	3363	2469
3.	Machinist	9097	7703	1843	1283	2467	1976
4.	Machinist (Grinder)	2126	1573	290	186	555	443
5.	Pattern Maker	285	197	23	14	75	52
6.	Moulder/Foundryman	2399	1428	200	113	286	183
7.	Forger & Heat Treater	1554	1231	137	87	161	107
8.	Sheet Metal Worker	2690	1766	372	266	340	202
9.	Welder (Gas & Electric)	13244	9133	2767	1806	4423	2711
10.	Motor Vehicle Body Builder	912	571	154	58	382	196
11.	Electrician	21284	18131	8190	4331	10145	5866
12.	Lineman	13360	9867	2421	1220	2945	1907
13.	Wireman	5443	4012	1379	477	1764	663
14.	Auto Electrician	1006	715	286	136	420	267
15.	Electrician Aircraft	30	25	2	2	2	2
16.	Winder (Armature)	208	107	23	20	14	11
17.	Cable Jointer	220	174	49	44	24	21
18.	Electrician (Mines)	36	44	-	-	-	-
19.	Electroplator	366	262	50	35	79	69
20.	Carpenter	2896	1726	325	248	365	279
21.	Plumber	1669	1026	125	99	169	121
22.	Mason (Building Constructor)	498	188	19	17	105	99
23.	Furniture & Cabinet Maker	7	1	-	-	-	-
24.	Sports Goods Maker (Wood)	254	2	-	-	-	-
25.	Millwright Maintenance Mechanic/ Mechanic Machine Tool Maintenance	2349	1572	257	222	356	285
26.	Mechanic Maintenance (Textile Machinery)	775	290	24	11	65	57
27.	Mechanic Maintenance (Chemical Plant)	1622	1054	149	115	309	174
28.	Mechanic Dairy Maintenance	132	49	9	4	16	7
29.	Mechanic Sewing Machine	9	6	4	3	6	5
30.	Mechanic Mining Machinery	42	7	-	-	-	-
31.	Tool & Die Maker #	801	657	121	104	86	63
32.	Tool & Die Maker (Die & Moulds)	617	283	7	6	107	95
33.	Tool & Die Maker (Press Tools, Jigs & Fixture)	512	364	32	26	143	136
34.	Plastic Mould Maker	60	7	-	-	-	-
35.	Instrument Mechanic	2122	1379	510	421	606	430
36.	Mechanic Instrument Aircraft	19	11	2	2	3	3
37.	Mechanic Watch & Clock	98	83	-	-	2	1
38.	Refrigeration & Air-conditioning Mechanic	3893	2760	537	408	985	741

1	2	3	4	5	6	7	8
39.	Mechanic (Motor Vehicle)	15215	11155	3328	2043	4658	3139
40.	Mechanic (Diesel)	9861	7907	1605	725	2001	986
41.	Mechanic (Tractor)	1616	1194	152	86	185	127
42.	Mechanic (Earth Moving Machinery)	709	307	30	22	42	30
43.	Mechanic (Marine Diesel Engines)	20	-	-	-	-	-
44.	Driver-cum-Fitter	275	129	5	4	4	3
45.	Auto Mechanic (Two Wheeler/ Three Wheeler)	320	142	10	4	37	28
46.	Draughtsman (Civil)	2679	1689	312	140	544	246
47.	Draughtsman (Mech.)	2125	1610	468	354	813	646
48.	Surveyor	350	184	36	27	42	32
49.	Fitter Structural	530	398	50	27	133	88
50.	Boiler Attendant	5342	3096	321	183	469	322
51.	Steam Turbine-cum-Auxiliary Plant Operator	459	372	37	17	90	58
52.	Switch Board Attendant	1761	946	27	20	33	26
53.	Hand Compositor @	73	34	18	15	38	35
54.	Lino Operator	31	33	-	-	-	-
55.	Mono Key Board Operator	40	14	-	-	-	-
56.	Mono Caster Operator	34	11	-	-	-	-
57.	Letter Press Machine Minder (Platen & Cylinder) @	74	96	18	17	41	33
58.	Process Cameraman	81	55	1	1	9	8
59.	Retoucher lithographic	64	50	-	-	4	3
60.	Engraver	13	15	-	-	-	-
61.	Book Binder	2287	1312	184	104	339	222
62.	Plate Maker (Lithographic)	171	89	18	12	13	10
63.	Offset Machine Minder	949	622	39	34	164	145
64.	Cook (General)/Apprentice Food Production (General)	2137	1580	131	114	107	95
65.	Cook (Vegetarian)/Apprentice Food Production (Vegetarian)	188	103	4	2	3	1
66.	Steward	2337	1492	165	140	167	140
67.	Baker & Confectioner	335	94	2	2	2	1
68.	House Keeper	695	461	34	31	38	32
69.	Hotel Clerk or Receptionist or Front Office Assistant	481	216	23	23	39	35
70.	Weaver	509	254	4	2	16	10
71.	Doffer-cum-Piecer	1862	712	57	29	62	42
72.	Tenter (Drawing/Speed/Fly Frames)	1008	507	22	13	33	20
73.	Winder (Textile)	530	290	20	2	17	6
74.	Knitter (Hoisery)	61	13	-	-	-	-
75.	Printing Textile	587	427	12	12	8	8
76.	Creel Boy-cum-Warper	51	19	-	-	-	-
77.	Sirdar (Colliery)	64	34	-	-	-	-
78.	Shotfirer/Blaster (Mines)	55	25	-	-	-	-
79.	Mate (Mines)	62	24	-	-	1	1
80.	Attendant Operator (C.P)	3632	2356	339	107	590	408
81.	Instrument Mechanic (C.P)	907	437	86	58	104	87
82.	Laboratory Assistant (C.P)	1353	606	85	46	93	44
83.	Fibre Reinforced Plastic Processor	-	-	-	-	-	-
84.	Plastic Processing Operator	874	357	62	49	170	121
85.	Designer & Master Cutter	63	7	1	1	6	5

1	2	3	4	5	6	7	8
86.	Tailor (men)	1117	553	52	47	90	77
87.	Tailor (Women)	232	81	6	5	-	-
88.	Tailor (General)	1041	445	15	14	90	64
89.	Mechanic Agricultural Machinery	3	2	-	-	-	-
90.	Horticulture Assistant	80	27	-	-	3	1
91.	Stockman (Dairy)	45	10	-	-	1	1
92.	Attendant Operator (Dairy)	100	77	2	2	1	1
93.	Pump Mechanic	410	176	66	30	140	84
94.	Sports Goods Maker (Leather)	8	30	-	-	-	-
95.	Leather Goods Maker	42	22	2	2	9	7
96.	Foot Wear Maker	427	244	9	7	20	9
97.	Finished Leather Maker	231	60	2	2	1	1
98.	Maintenance Mechanic for Leather Machinery	36	6	4	3	1	1
99.	Upholsterer	19	18	-	-	-	-
100.	Shipwright (Steel)	25	30	13	12	14	14
101.	Pipe Fitter	108	92	4	4	23	17
102.	Rigger	57	54	1	-	1	-
103.	Gas Cutter	33	5	1	-	1	-
104.	Shipwright (Wood)	35	41	-	-	-	-
105.	Mechanic Radio & Radar Aircraft	120	46	12	12	13	13
106.	Electronics Mechanic	6688	5011	1663	1348	2763	2142
107.	Mechanic Television (Video)	43	29	-	-	24	23
108.	Photographer	7	2	1	1	3	3
109.	Millwright (Rolling Mills) @	-	-	-	-	1	-
110.	Brick Layer (Refractory)	22	35	-	-	30	30
111.	Furnace Operator (Steel Industry)	24	10	8	8	-	-
112.	Steel Melting Hand	36	26	10	10	-	-
113.	Mill Hand	16	5	10	10	-	-
114.	Crane Operator (Overhead) (Steel Industry)	64	16	3	1	-	-
115.	Beautician	14	4	1	-	3	3
116.	Hair Dressor	4	2	-	-	-	-
117.	Health & Slimming Assistant	1	-	-	-	-	-
118.	Ceramic Moulder	120	33	3	3	-	-
119.	Ceramic Caster	275	155	30	29	5	2
120.	Ceramic Kiln Operator	305	90	11	11	3	3
121.	Ceramaic Press Operator	226	73	3	1	-	-
122.	Ceramic Modeller	13	5	-	-	-	-
123.	Ceramic Decorator	92	45	4	4	1	-
124.	Moulder (Refractory)	13	-	-	-	-	-
125.	Enamel Glazer	51	26	19	19	5	3
126.	Insulator Maker/Machine Operator (Ceramic)	22	14	-	-	-	-
127.	Optical Worker	36	20	10	8	2	2
128.	Painter (General)	1278	820	182	142	318	276
129.	Painter (Marine)	18	12	-	-	-	-
130.	Data Preparation & Computer Software	1598	1148	192	134	498	309
131.	Desk Top Publishing Operator	66	42	-	-	8	8
132.	Advanced Attendant Operator (Process)	-	-	-	-	-	-

1	2	3	4	5	6	7	8
133.	Operator Cum Mechanic Pollution Control Education Equipment	-	-	-	-	-	-
134.	Mechanic Medical Equipment for Hospital and Occupational Health Centers	-	-	-	-	-	-
135.	Mechanic Industrial Electronics	38	30	-	-	-	-
136.	Mechanic Advanced Machine Tool Maintenance	15	7	-	-	-	-
137.	Operator Advanced Machine Tool	15	7	-	-	-	-
138.	Power Electrician	8	3	-	-	-	-
139.	Operator-Cum-Mechanic (Power Plant)	-	-	-	-	-	-
All India Total		225084	162845	44476	26597	60214	38926

- Note: 1. * Includes the data in report of State/Pvt. Sector for May, 1999 relating to SAA, Bihar.
2. # This trade is substituted as Tool & Die Maker (Die & Moulds) and Tool & Die Maker (Press Tools, Jigs & Fixture) but the data is considered as received
3. @ Though these trades have been deleted but their information is considered as received.

Annexure-VII

NUMBER OF EX-ITI TRAINEES AND FULL-TERM APPRENTICES TRAINED UNDER THE APPRENTICES ACT ON THE LIVE REGISTER AS ON 31.12.1998 TOGETHER WITH THEIR NUMBER PLACED IN EMPLOYMENT DURING JANUARY-DECEMBER 1998.

Sl. No.	STATE/U.T	1998			
		Ex-ITIs		Full Term Apprentices	
		Live Register	Placement	Live Register	Placement
STATES					
1.	Andhra Pradesh	278195	1334	32534	218
2.	Arunchal Pradesh	11	2	-	-
3.	Assam	14972	31	1316	12
4.	Bihar	111856	7	11716	-
5.	Goa	4787	-	101	-
6.	Gujarat	51009	1272	2884	536
7.	Haryana	31464	527	652	-
8.	Himachal Pradesh	23446	221	477	42
9.	Jammu & Kashmir	2815	-	249	-
10.	Karnataka	53170	632	18142	672
11.	Kerala	113115	809	7752	22
12.	Madhya Pradesh	73275	1186	3365	230
13.	Maharashtra	103050	1707	12005	146
14.	Manipur	1546	1	16	-
15.	Meghalaya	228	1	-	-
16.	Mizoram	1541	-	-	-
17.	Nagaland	416	-	-	-
18.	Orissa	27313	456	3535	238
19.	Punjab	39018	196	1223	106
20.	Rajasthan	17017	266	573	42
21.	Sikkim *	-	-	-	-
22.	Tamilnadu	163320	565	25473	322
23.	Tripura	461	-	68	-
24.	Uttar Pradesh	118523	55	6286	2
25.	West Bengal	57531	73	2856	-
UNION TERRITORIES					
26.	A & N Islands	-	-	-	-
27.	Chandigarh	11009	-	363	-
28.	D & N Haveli	185	-	-	-
29.	Delhi	36220	79	2739	2
30.	Daman & Diu	455	2	3	-
31.	Lakshadweep	-	-	-	-
32.	Pondicherry	5430	-	-	-
ALL INDIA TOTAL		1341378	9422	134328	2590

Note:- * No Employment Exchange is functioning in this State.

Annexure-VIII

Ex-ITI and full term apprentices registered and placed through the Employment Exchanges-All India 1985-1999.

Year	Number Placed in Employment		Number on the Live Register at the end of the period		% of Placement to Live Register of Ex-ITI	% of Placement to Live Register of Full Term Apprentices
	Ex-ITI Trainees	Full Term Apprentices	Ex-ITI Trainees	Full Term Apprentices		
1.	2.	3.	4.	5.	6.	7.
1985	10729	3024	571661	72161	1.9	4.2
1986	9924	2732	685626	68618	1.4	4.0
1987	14451	4354	719877	67148	2.0	6.5
1988	13598	4401	793872	80823	1.7	5.4
1989	13242	3448	854947	82125	1.5	4.2
1990	12481	3723	923175	90244	1.4	4.1
1991	15887	2959	913219	95470	1.7	3.1
1992	#	#	#	#	#	#
1993	12421	2588	1025548	90736	1.2	2.9
1994	12911	2086	969295	98432	1.3	2.1
1995	8986	1459	1067054	90339	0.8	1.6
1996	12297	2524	1114853	105584	1.1	2.4
1997	14177	2719	1218401	111529	1.2	2.4
1998	9422	2590	1341378	134328	0.7	1.9
1999 (P)	12425	2677	1409788	145612	0.9	1.8

Note:- # Skipped
(P) Figures relating to the year 1999 are provisional.

Annexure-IX

ATS-1 (in duplicate)
(Half year ending March/September)

Return relating to * Regional Director of Apprenticeship Training _____
State Apprenticeship Adviser, _____

Return showing the no. of establishments coming under the purview of the Apprentices Act, the
number of establishments surveyed _____
during the half year ended _____

I T E M - 1	Central Govt. establishments *	State Govt. establishments	Private establishments	Total
1.	2.	3.	4.	5.

1. No. of establishments coming under the purview of the Act at the end of the half year.
2. No. of establishments surveyed during the half year.
3. No. of establishments surveyed so far (I.e. upto the end of the half year).
4. No. of establishments not yet surveyed.
5. No. of establishments surveyed so far where
 - I). Apprentices have been engaged according to prescribed ratio.
 - II). Apprentices have been engaged below the prescribed ratio.
 - III). No apprentice has been engaged though facilities exist.
 - IV). No facilities exist at present.

ITEM -II

	1.	2.	3.	4.	5.
I.	Intake capacity of apprentices assessed in establishments surveyed upto the end of the half year.				
II.	Number of apprentices actually undergoing as on the last day of the half year.				

- Notes:
1. The return is to be rendered for half year ending March/September.
 2. Return in respect of Central estts. is to be rendered by Regional Offices to the D.G.E.& T. and in respect of other is to be rendered by the State Apprenticeship Adviser.
 3. In _____ the return the following equations should hold good and should be verified before submission of the return.
 - a). Item 1 =Item 3 + Item 4.
 - b). Item 3 =Item 5(i) +Item 5(ii) + Item 5(iii) + Item 5 (iv).* Delete inapplicable Item.

To

1. The Deputy Director,
Survey & Study Division, M/o Labour (DGET),
3/10, Jam Nagar House, New Delhi-110011
2. Regional Director of Apprenticeship Training concerned
(by State Apprenticeship Adviser only).

Annexure-X

ATS-2 (In duplicate)
(Half year ending March/September)

Statistical Return

Name of the Industrial Trg. Instt./Centre _____

Report for the half year ending March/Sept. _____

Return relating to Basic Training and Related instructions imparted
at the Industrial Trg. Instt./Centre, under the Apprentices Act, 1961

Name and location of the establishment	Designated Trades	Number of Apprentices undergoing					
		Basic Trg. at the ITI at the end of the Half year	Related Instructions at the ITI at the end of the Half year.				
			1st yr	2nd yr	3rd yr	4th yr	Total
1.	2.	3.	4.	5.	6.	7.	8.
<hr/>							

TOTAL

No. of apprentices undergoing related instructions at the I.T.I. on a	Total number of apprentices in				
	1st year	2nd year	3rd year	4th year	TOTAL

- i). Day release basis _____
- ii). Block release basis _____
- iii). Any other basis _____

Signature of the Principal

Note:- The return should be rendered for half year ending March/September.

To

1. The State Apprenticeship Adviser
(for Establishments in State/Private Sector)
2. Regional Director Apprenticeship Training Scheme
(for Central Establishments).

ANNEXURE-XI

ATS-3 (in duplicate)
(Half year ending March/September)

Return relating to Regional Director of Apprenticeship Training
State Apprenticeship Adviser,

PART-I		Number of apprentices undergoing Basic Trg. & Related Instructions						
Sr. No.	Designated Trades	Number of apprentices under-going Basic Training			No. of apprentices undergoing Related Instructions			Remarks
		At I.T.I.	At Estt.	Total	At I.T.I.	At Estts.	Total	
1.	2.	3.	4.	5.	6.	7.	8.	9.

PART-II	Item (a)					Item (b)				
	Total no. of Apprentices undergoing Related Instructions on a									
	At I.T.Is					At Establishments				
	In Ist Year	In 2nd Year	In 3rd Year	In 4th Year	Total	In Ist Year	In 2nd Year	In 3rd Year	In 4th Year	Total

- i). Day Release Basis _____
- ii). Block Release Basis _____
- iii). Any other Basis _____

To

<p>1. The Deputy Director, Survey & Study Division, M/o Labour (DGET), 3/10, Jam Nagar House, New Delhi-110011</p>	<p>2. The Regional Director of Apprenticeship Trg. (by State Apprenticeship Adviser only)</p>
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Annexure-XII

ATS-4 (in duplicate)
(Half year ending March/September)

Return relating to Regional Director of Apprenticeship Training/
State Apprenticeship Adviser

Part-I NUMBER OF TRAINING PLACES LOCATED & NO. OF APPRENTICES UNDERGOING TRAINING							
Sr. No.	Designated Trade	Intake capacity of apprentices assessed in establishments surveyed upto the end of half year.	Number of apprentices undergoing training as on the last day of the half year				Rremarks, if any
			Freshers	Ist year Ex-ITI	2nd year Ex-ITI	Total	
1.	2.	3.	4.	5.	6.	7.	8.

Part-II	Part-III					Freshers	Ex-ITI	Total	
	Apprentices under Trg. In					(i). Total no. of apprentices who joined during the half year.	(ii). Total no. of apprentices who completed the prescribed period of training during the half year.	(iii). Total no. of apprentices whose contracts were terminated during the half year (i.e. Drop outs).	(iv). No. of passed out apprentices employed by the same employer during the half year.
	Ist Yr.	2nd Yr.	3rd Yr.	4th Yr.	Total				
Total number of apprentices									
No. of Scheduled Caste apprentices									
No. of Scheduled Tribe apprentices									

To

- | | |
|--|---|
| <p>1. The Deputy Director,
Survey & Study Division, M/o Labour (DGET),
3/10, Jam Nagar House, New Delhi-110011</p> | <p>2. The Regional Director of
App. Trg. (by State App. Adviser only)</p> |
|--|---|

Annexure-XIII

ATS-5 (in duplicate)

(Half year ending March/September)

Return relating to * Regional office _____
State Apprenticeship Adviser

Return showing the number of training places located, number of establishments engaging apprentices and the number of apprentices undergoing training.

Sl. No.	Industrial Classification code (2 digit level)	No. of estts. where facilities exists	No. of establishments engaging apprentices	Intake capacity of apprentices assessed in establishments surveyed up to the end of the half year	Number of apprentices undergoing training
1.	2.	3.	4.	5.	6.

* Delete inapplicable item

To

- (1) The Deputy Director,
Survey & Study Division,
M/o Labour (DGET),
3/10, Jam Nagar House,
New Delhi-110011
- (2) The Regional Director of Apprenticeship Training
(By State Apprenticeship Adviser only).

Annexure-XIV

ATS-6 (in duplicate)

(Half year ending March/September)

Return relating to * Regional Office/State Apprenticeship Adviser _____

Return showing the number of apprentices who appeared and the number declared successful in trade tests held during the half year _____

PART-I

Sl. No.	Designated Trade	NUMBER OF APPRENTICES			
		Recommended for Trade Test	Appeared in the Trade Test	passed in the Trade Test	Failed
1.	2.	3.	4.	5.	6.

PART-II

Sl. No.	Designated Trade	Out of apprentices failed, number of apprentices failed in			
		Practical	Trade Theory	Workshop Calculation & Science	Engineering Drawing
1.	2.	3.	4.	5.	6.

Note:

1. The return should be rendered after the trade test results are finalised.
2. Return in respect of apprentices engaged in establishments under Central Ministries is to be rendered by the Regional Offices and that in respect of other establishments by the State Apprenticeship Adviser.

3. * Delete inapplicable item.

To

1. The Deputy Director,
Survey & Study Division, M/o Labour (DGET),
3/10, Jam Nagar House,
New Delhi-110011
2. The Regional Director,
Apprenticeship Training
(by State Apprenticeship Adviser only).