

**TRADE APPRENTICESHIP TRAINING IN
INDIA**

[AS ON 31.3.2001]

**UNDER
APPRENTICESHIP TRAINING SCHEME**

**GOVERNMENT OF INDIA
MINISTRY OF LABOUR
DIRECTORATE GENERAL OF EMPLOYMENT & TRAINING
SURVEY & STUDY DIVISION
14/11, JAM NAGAR HOUSE
NEW DELHI**

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P R E F A C E

This publication is sixth in series of its kind and an attempt towards creating a reliable data base for planning and for 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 Dr. V.K. Malhotra, Director Employment Exchanges in preparing and presenting this publication.

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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 period as on 31st March 2001. The response rate was of the order of 100% in the Central Sector and 86% 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 2001, the training facilities were available in 781 establishments in the Central Sector and 27637 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 28418 establishments with training facilities, only 19079 (67%) establishments actually engaged apprentices. 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 31.3.2001 is presented in Table-2.

TABLE-1**OVERALL TRADE APPRENTICESHIP TRAINING**

AS ON 31ST MARCH						
	1996	1997	1998	1999	2000	2001
1. No. of estts. having training facilities	26201	27025	26596	28429	28525	28418
2. No. of estts. engaging apprentices	16843	17049	17731	18897	19307	19079
3. Intake capacity	231112	238605	231562	236695	225084	218447
4. No. of apprentices on roll	148819	156312	161144	168646	162845	157654

As per the information available for 2001, out of 157654 apprentices on roll as many as 121029 (77%) were ex-ITI trainees and the remaining 36625 (23%) were freshers.

TABLE-2**OVERALL TRADE APPRENTICESHIP TRAINING**

AS ON 31ST MARCH 2001			
	Central Sector	State/Private Sector	Total
1. No. of estts. having training facilities	781	27637	28418
2. No. of estts. engaging apprentices	577	18502	19079
3. Intake capacity	39232	179215	218447
4. No. of apprentices on roll	29461	128193	157654

Out of 28418 establishments with intake capacity of 218447, only 19079 establishments were engaging 157654 apprentices resulting in about 75% and 72% utilization of capacity in Central Sector and State/Private Sector respectively. 33% of the establishments with training facilities are not participating in the apprenticeship-training programme.

Examination (popularly known as trade test) is held twice a year in April/ May and November/December. 45376 candidates appeared for trade test during May 2000 and around 58537 candidates appeared in the trade test held in November/December 2000. Thus, out of total 162845 apprentices on roll as on 31st March 2000 about 103913 have appeared in the trade tests. Out of 45376 candidates who appeared in the trade test in May 2000, 27798 candidates were declared successful and out of 58537 candidates who appeared in November/December 2000 test, about 36817 candidates were declared successful. The percentage of successful apprentices was 61% in May 2000 and 63% in November/December 2000 trade tests respectively. State-wise details of candidates appeared and passed out for the trade test conducted in May 2000 and November/December 2000 are given in Annexure-IV & V respectively.

C. TRADE APPRENTICES IN CENTRAL SECTOR

As on 31st March 2001, there were 781 establishments with training facilities. Out of these, only 577 establishments were engaging apprentices. In these 781 establishments, the intake capacity was of the order of 39232 against which 29461 apprentices were on roll resulting in 75% utilisation of the capacity. 9.23 thousand apprentices appeared in the trade test held in May 2000, out of which 7.71 thousand passed out. Similarly 12.51 thousand apprentices appeared in the trade test held in November/December, 2000 out of which 10.76 thousand apprentices were successful. The percentage of successful apprentices was thus 84% and 86% in May 2000 and November/December 2000 trade tests respectively. The details about the trade apprentices during the year 1996 to 2001 are given in Table -3.

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

AS ON 31ST MARCH						
	1996	1997	1998	1999	2000	2001
1. No. of estts. having training facilities	869	848	839	833	803	781
2. No. of estts. engaging apprentices	585	571	575	557	590	577
3. Intake capacity	49110	46691	45422	44295	41138	39232
4. No. of apprentices on roll	32849	33841	34384	34179	32817	29461

The maximum number of establishments having training facilities in the Central Sector are located in Maharashtra (110) followed by West Bengal (75) and Andhra Pradesh (61). The participation of establishments in the States of Maharashtra and West Bengal was 83% and 57% respectively. The participation in Andhra Pradesh was as low as 54%.

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 31.3.2001, there were 27637 establishments with training facilities, out of which 18502 establishments actually participated in the Apprenticeship Training Programme. The participation rate in their case is of the order of 67%. The performance of the State/Private Sector for the period 1996-2001 is shown in Table-4. It may be observed that every year, more or less same numbers of establishments are engaging apprentices. As on 31st March 2001, the intake capacity in these establishments was of the order of 1.79 lakhs against which 1.28 lakhs trade apprentices were on roll. The capacity utilisation, therefore, was of the order of 72%. 36145 apprentices took the trade test held in May 2000, out of which 20085 passed out. Similarly about 46019 apprentices appeared in the trade test held in November/December 2000, out of which about 26057 were declared successful. The percentage of successful apprentices, therefore, was 56% in

May 2000 and 57% in November/December, 2000 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						
	1996	1997	1998	1999	2000	2001
1. No. of estts. having training facilities	25332	26177	25757	27596	27722	27637
2. No. of estts. engaging apprentices	16258	16478	17156	18340	18717	18502
3. Intake capacity	182002	191914	186140	192400	183946	179215
4. No. of apprentices on roll	115970	122471	126760	134467	130028	128193

E. TRADE-WISE APPRENTICESHIP TRAINING

As on 31.3.2001, there were 138 trades covered under the Act. The intake capacity and number of apprentices on roll, as on 31.3.2001 and number of candidates appeared and passed out in the trade tests held during the year 2000 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 (39386) capacity was in Fitter Trade and the lowest (1) in Mechanic Agricultural Machinery and Health & Slimming Assistant trades. In seven trades viz; Construction Machinery Mechanic-cum-Operator, Fruit and Vegetable Processor, Fibre Reinforced Plastic Processor, Hair Dresser, Hair and Skin Carer, Programming and Systems Administration Assistant and Mechanic Medical Equipment for Hospitals and Occupational Health Centers there were neither the intake capacity nor enrolment. Amongst these, four trades i.e. Construction Machinery Mechanic-cum-Operator, Fruit and Vegetable Processor, Hair and Skin Carer and Programming and Systems Administration Assistant have been newly designated. Further in seven trades namely Furniture and Cabinet Maker, Material Handling Equipment Mechanic-cum-Operator, Mechanic (Marine Diesel Engines), Mechanic Agricultural Machinery, Brick Layer (Refractory), Health and Slimming Assistant and Advanced Attendant Operator (Process) there were no enrolment though intake capacity exist.

F. EMPLOYMENT & UNEMPLOYMENT OF APPRENTICESHIP TRAINEES

As per the information available, 146689 Job-seekers with full term apprentices were on the Live Register of the employment exchanges as on 31st December 2000. 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 1450 during 2000. 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 90,000 as on 31st December 2000.

Annexure-I

Statement showing State-wise number of establishments having training facilities as on 31.3.2001 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	61	1869	1930
2.	Assam	20	56	76
3.	Bihar	17	400	417
4.	Chhatisgarh	10	65	75
5.	Delhi	32	1162	1194
6.	Goa	7	70	77
7.	Gujarat	29	5066	5095
8.	Haryana	20	911	931
9.	Himachal Pradesh	8	95	103
10.	Jammu & Kashmir	3	87	90
11.	Jharkhand	33	#	33
12.	Karnataka	49	2633	2682
13.	Kerala	31	784	815
14.	Madhya Pradesh	27	244	271
15.	Maharashtra	110	4512	4622
16.	Manipur	3	56	59
17.	Meghalaya	6	-	6
18.	Nagaland	2	-	2
19.	Orissa	44	435	479
20.	Punjab	28	767	795
21.	Rajasthan	32	883	915
22.	Tamilnadu	58	2070	2128
23.	Tripura	4	-	4
24.	Uttaranchal	16	@	16
25.	Uttar Pradesh	44	4492	4536
26.	West Bengal	75	861	936
27.	Andaman & Nicobar	8	-	8
28.	Chandigarh	3	36	39
29.	Pondicherry	1	83	84
	All India Total	781	27637	28418

Note:- 1. # : Figures included in Bihar
2. @: Figures included in Uttar Pradesh

Annexure-II

Statement showing State-wise number of establishments actually engaging apprentices as on 31.3.2001 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	33	1724	1757
2.	Assam	13	33	46
3.	Bihar	7	192	199
4.	Chhatisgarh	9	36	45
5.	Delhi	26	1142	1168
6.	Goa	7	45	52
7.	Gujarat	18	3791	3809
8.	Haryana	17	739	756
9.	Himachal Pradesh	5	53	58
10.	Jammu & Kashmir	1	60	61
11.	Jharkhand	21	#	21
12.	Karnataka	42	865	907
13.	Kerala	29	701	730
14.	Madhya Pradesh	25	129	154
15.	Maharashtra	91	3062	3153
16.	Manipur	3	8	11
17.	Meghalaya	1	-	1
18.	Nagaland	-	-	-
19.	Orissa	30	256	286
20.	Punjab	19	641	660
21.	Rajasthan	23	249	272
22.	Tamilnadu	51	1349	1400
23.	Tripura	-	-	-
24.	Uttaranchal	12	@	12
25.	Uttar Pradesh	43	2594	2637
26.	West Bengal	43	759	802
27.	Andaman & Nicobar	5	-	5
28.	Chandigarh	2	34	36
29.	Pondicherry	1	40	41
	All India Total	577	18502	19079

Note:- 1. # Figures included in Bihar.
2. @ Figures included in Uttar Pradesh.

Annexure-III

Statement showing State-wise intake capacity and apprentices undergoing training as on 31.3.2001 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	3240	16730	19970	2482	12296	14778
2.	Assam	625	258	883	420	69	489
3.	Bihar	413	3098	3511	101	1947	2048
4.	Chhatisgarh	652	923	1575	402	352	754
5.	Delhi	1152	5281	6433	666	4251	4917
6.	Goa	217	646	863	199	367	566
7.	Gujarat	855	23980	24835	485	16102	16587
8.	Haryana	1473	6668	8141	1238	4904	6142
9.	Himachal Pradesh	149	1926	2075	93	747	840
10.	Jammu & Kashmir	53	344	397	21	234	255
11.	Jharkhand	1724	#	1724	1057	#	1057
12.	Karnataka	4465	19304	23769	3146	14398	17544
13.	Kerala	1786	7100	8886	1021	5928	6949
14.	Madhya Pradesh	2228	3143	5371	2107	959	3066
15.	Maharashtra	3962	28227	32189	3196	25405	28601
16.	Manipur	21	80	101	21	27	48
17.	Meghalaya	41	-	41	7	-	7
18.	Nagaland	5	-	5	-	-	-
19.	Orissa	1411	3805	5216	827	2970	3797
20.	Punjab	751	5419	6170	418	3864	4282
21.	Rajasthan	911	7003	7914	625	2581	3206
22.	Tamilnadu	4898	22904	27802	4146	14274	18420
23.	Tripura	34	-	34	-	-	-
24.	Uttaranchal	917	@	917	838	@	838
25.	Uttar Pradesh	3165	18168	21333	2755	13705	16460
26.	West Bengal	3960	3217	7177	3110	2256	5366
27.	Andaman & Nicobar	62	-	62	38	-	38
28.	Chandigarh	50	269	319	35	229	264
29.	Pondicherry	12	722	734	7	328	335
	All India Total	39232	179215	218447	29461	128193	157654

Note:- 1. # Figures included in Bihar.
2. @ Figures included in Uttar Pradesh

Annexure-IV

Statement showing State-wise number of apprentices appeared and passed out in the trade test held in May 2000 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	1198	7909	9107	830	3149	3979
2.	Assam	98	31	129	90	23	113
3.	Bihar	216	661	877	172	584	756
4.	Delhi	201	381	582	186	268	454
5.	Goa	50	54	104	46	44	90
6.	Gujarat	234	4625	4859	197	2997	3194
7.	Haryana	876	1609	2485	780	1405	2185
8.	Himachal Pradesh	13	193	206	13	81	94
9.	Jammu & Kashmir	6	43	49	6	31	37
10.	Karnataka	1072	2459	3531	861	1284	2145
11.	Kerala	423	1174	1597	323	563	886
12.	Madhya Pradesh	806	438	1244	734	199	933
13.	Maharashtra	586	6065	6651	455	3521	3976
14.	Manipur	-	27	27	-	24	24
15.	Meghalaya	-	-	-	-	-	-
16.	Nagaland	-	-	-	-	-	-
17.	Orissa	208	256	464	198	241	439
18.	Punjab	132	1383	1515	117	978	1095
19.	Rajasthan	180	428	608	152	215	367
20.	Tamilnadu	1076	6780	7856	907	3169	4076
21.	Tripura	-	-	-	-	-	-
22.	Uttar Pradesh	1313	815	2128	1201	638	1839
23.	West Bengal	537	621	1158	439	520	959
24.	Andaman & Nicobar	-	-	-	-	-	-
25.	Chandigarh	1	22	23	1	19	20
26.	Pondicherry	5	171	176	5	132	137
	All India Total	9231	36145	45376	7713	20085	27798

Annexure-V

Statement showing State-wise number of apprentices appeared and passed out in the trade test held in November/December 2000 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 Pradeh	1812	7416	9228	1280	2365	3645
2.	Assam	77	45	122	62	38	100
3.	Bihar	136	129	265	91	120	211
4.	Chhatisgarh	#	54	54	#	36	36
5.	Delhi	101	998	1099	98	587	685
6.	Goa	46	53	99	39	47	86
7.	Gujarat	125	6229	6354	100	4816	4916
8.	Haryana	802	1499	2301	712	1117	1829
9.	Himachal Pradesh	58	235	293	56	99	155
10.	Jammu & Kashmir	3	62	65	3	32	35
11.	Jharkhand	#	N.A.	-	#	N.A.	-
12.	Karnataka	1738	1935	3673	1522	457	1979
13.	Kerala	479	1168	1647	432	671	1103
14.	Madhya Pradesh	1066	315	1381	989	229	1218
15.	Maharashtra	1535	15598	17133	1313	9906	11219
16.	Manipur	2	4	6	-	2	2
17.	Meghalaya	-	-	-	-	-	-
18.	Nagaland	-	-	-	-	-	-
19.	Orissa	205	361	566	194	328	522
20.	Punjab	229	1116	1345	173	531	704
21.	Rajasthan	166	459	625	152	237	389
22.	Tamilnadu	1705	6839	8544	1501	3262	4763
23.	Tripura	-	-	-	-	-	-
24.	Uttaranchal	#	@	-	#	@	-
25.	Uttar Pradesh	1393	807	2200	1349	632	1981
26.	West Bengal	828	497	1325	686	398	1084
27.	Andaman & Nicobar	-	-	-	-	-	-
28.	Chandigarh	6	29	35	5	15	20
29.	Pondicherry	6	171	177	3	132	135
	All India Total	12518	46019	58537	10760	26057	36817

- Note :-
1. # Figures relating to Central Sector in respect of Chhatisgarh, Jharkhand and Uttranchal included in the States of Madhya Pradesh, Bihar and Uttar Pradesh respectively.
 2. N.A.- Information is not available.
 3. @ Figures included in Uttar Pradesh.
 4. * Figures relate to May 2000.

Annexure-VI

Statement showing trade-wise intake capacity and number of apprentices undergoing training as on 31.3.2001 and apprentices appeared and passed out in the trade tests held during the year 2000 under the Apprenticeship Training Scheme.

Sl. No.	Trade	Position as on 31.03.2001		Position of trade test held in			
		Intake Capacity	Apprentices undergoing training	May, 2000		Nov./Dec., 2000 *	
				Appeared	Passed	Appeared	Passed
1	2	3	4	5	6	7	8
1.	Fitter	39386	31274	11251	6230	14246	8649
2.	Turner	13427	8841	2315	1666	2961	2142
3.	Machinist	9525	7243	1747	1290	2528	1985
4.	Machinist (Grinder)	2093	1441	276	220	519	400
5.	Pattern Maker	288	151	40	30	77	51
6.	Foundryman	2188	1185	258	161	260	163
7.	Forger & Heat Treater	1528	1108	138	55	182	85
8.	Sheet Metal Worker	2445	1627	351	169	424	286
9.	Welder (Gas & Electric)	12772	8454	3258	1817	4417	2964
10.	Motor Vehicle Body Builder	883	669	160	88	370	197
11.	Electrician	22098	18162	8288	4390	8702	4573
12.	Lineman	12442	9732	2517	1679	2756	1783
13.	Wireman	5690	3951	1398	684	1554	737
14.	Auto Electrician	1008	748	194	91	397	234
15.	Electrician Aircraft	38	26	12	12	1	1
16.	Winder (Armature)	244	91	26	25	26	21
17.	Cable Jointer	204	172	43	38	20	18
18.	Electrician (Mines)	108	58	-	-	-	-
19.	Electroplator	302	214	28	18	79	59
20.	Carpenter	2441	1697	244	168	697	320
21.	Plumber	1633	917	127	80	243	205
22.	Mason (Building Constructor)	383	89	19	18	75	72
23.	Furniture & Cabinet Maker	6	-	-	-	-	-
24.	Sports Goods Maker (Wood)	204	2	-	-	-	-
25.	Mechanic Machine Tool Maintenance	2344	1241	269	228	387	288
26.	Mechanic Maintenance (Textile Machinery)	543	239	12	5	11	4
27.	Mechanic Maintenance (Chemical Plant)	1547	955	159	86	84	66
28.	Mechanic Dairy Maintenance	120	39	7	6	3	2
29.	Mechanic Sewing Machine	9	6	1	1	-	-
30.	Mechanic Mining Machinery	45	3	-	-	-	-
31.	Material Handling Equipment Mechanic-cum-Operator	5	-	-	-	-	-
32.	Tool & Die Maker (Die & Moulds)	512	304	88	64	104	79
33.	Tool & Die Maker (Press Tools, Jigs & Fixture)	1407	1037	97	85	199	166
34.	Plastic Mould Maker	55	5	-	-	43	35
35.	Instrument Mechanic	2113	1564	587	400	629	457
36.	Mechanic Instrument Aircraft	31	24	4	4	2	2
37.	Mechanic Watch & Clock	97	76	6	6	6	4
38.	Refrigeration & Air-conditioning Mechanic	3612	2823	678	506	1065	847

1	2	3	4	5	6	7	8
39.	Mechanic (Motor Vehicle)	14751	10977	3546	2652	4170	2778
40.	Mechanic (Diesel)	9265	8486	1665	823	1893	980
41.	Mechanic (Tractor)	1461	1142	148	112	167	104
42.	Mechanic (Earth Moving Machinery)	683	258	21	15	22	13
43.	Mechanic (Marine Diesel Engines)	6	-	-	-	-	-
44.	Driver-cum-Fitter	291	129	6	6	9	4
45.	Auto Mechanic	348	212	12	5	37	23
46.	Two Wheeler / Three Wheeler Construction Machinery Mechanic-cum-Operator	-	-	-	-	-	-
47.	Draughtsman (Civil)	2619	1725	420	185	546	330
48.	Draughtsman (Mech.)	1880	1153	425	349	804	556
49.	Surveyor	412	213	27	15	61	45
50.	Fitter Structural	623	424	19	15	131	100
51.	Boiler Attendant	5003	3107	327	244	439	320
52.	Steam Turbine-cum-Auxiliary Plant Operator	443	353	73	64	37	26
53.	Switch Board Attendant	1593	994	27	18	24	17
54.	Lino Operator	33	29	-	-	-	-
55.	Mono Key Board Operator	44	29	1	1	-	-
56.	Mono Caster Operator	38	6	9	5	2	2
57.	Process Cameraman	83	31	2	1	4	3
58.	Retoucher lithographic	48	31	7	6	5	4
59.	Engraver	10	14	-	-	-	-
60.	Book Binder	2148	1133	234	193	194	141
61.	Plate Maker (Lithographic)	184	70	6	4	7	5
62.	Offset Machine Minder	1117	570	82	72	119	95
63.	Apprentice Food Production (General)	2248	1675	118	114	166	144
64.	Apprentice Food Production (Vegetarian)	206	77	7	6	2	-
65.	Steward	2184	1598	142	113	146	123
66.	Baker & Confectioner	321	71	8	7	11	9
67.	House Keeper	724	468	33	26	31	23
68.	Hotel Clerk or Receptionist or Front Office Assistant	479	220	18	15	20	17
69.	Fruit and Vegetable Processor	-	-	-	-	-	-
70.	Weaver	426	181	2	2	3	1
71.	Doffer-cum-Piecer	1216	583	34	15	45	26
72.	Tenter (Drawing/Speed/Fly Frames)	781	455	27	12	36	23
73.	Winder (Textile)	587	350	32	9	29	6
74.	Knitter (Hoisery)	51	27	-	-	-	-
75.	Printing (Textile)	575	457	7	6	7	5
76.	Creel Boy-cum-Warper	32	8	-	-	-	-
77.	Sirdar (Colliery)	139	105	-	-	-	-
78.	Shotfirer/Blaster (Mines)	49	24	-	-	-	-
79.	Mate (Mines)	53	32	-	-	2	1
80.	Attendant Operator (C.P)	3196	2262	228	136	863	500
81.	Instrument Mechanic (C.P)	926	386	48	42	91	79
82.	Laboratory Assistant (C.P)	1153	551	74	39	874	231
83.	Fibre Reinforced Plastic Processor	-	-	-	-	-	-
84.	Plastic Processing Operator	768	407	100	55	125	89
85.	Designer & Master Cutter	47	19	1	1	3	3
86.	Tailor (Men)	1040	399	67	59	65	60
87.	Tailor (Women)	269	95	2	2	1	1
88.	Tailor (General)	1192	551	39	38	62	43
89.	Mechanic Agricultural Machinery	1	-	5	-	9	6

1	2	3	4	5	6	7	8
90.	Horticulture Assistant	74	16	3	3	3	-
91.	Stockman (Dairy)	47	22	-	-	2	2
92.	Attendant Operator (Dairy)	102	69	-	-	7	6
93.	Pump Operator cum Mechanic	480	191	68	32	148	99
94.	Sports Goods Maker (Leather)	8	30	-	-	-	-
95.	Leather Goods Maker	42	11	-	-	6	2
96.	Foot Wear Maker	354	178	21	19	13	13
97.	Finished Leather Maker	54	33	-	-	2	2
98.	Maintenance Mechanic for Leather Machinery	11	10	-	-	4	4
99.	Upholsterer	21	27	-	-	-	-
100.	Shipwright (Steel)	4	4	16	16	-	-
101.	Pipe Fitter	122	77	18	18	17	17
102.	Rigger	45	54	-	-	-	-
103.	Gas Cutter	27	3	-	-	-	-
104.	Shipwright (Wood)	39	33	13	12	-	-
105.	Mechanic Radio & Radar Aircraft	128	66	12	12	8	8
106.	Electronics Mechanic	6770	5832	1961	1436	2925	2124
107.	Mechanic Television (Video)	53	27	1	1	5	5
108.	Photographer	6	1	-	-	-	-
109.	Brick Layer (Refractory)	50	-	-	-	16	16
110.	Furnace Operator (Steel Industry)	13	5	6	6	-	-
111.	Steel Melting Hand	19	9	6	6	6	5
112.	Crane Operator (Overhead) (Steel Industry)	72	18	25	18	14	11
113.	Beautician	3	2	-	-	-	-
114.	Hair Dressor	-	-	-	-	-	-
115.	Health & Slimming Assistant	1	-	-	-	-	-
116.	Hair and Skin Carer	-	-	-	-	-	-
117.	Ceramic Moulder	79	22	-	-	2	2
118.	Ceramic Caster	253	174	24	12	49	12
119.	Ceramic Kiln Operator	267	76	4	3	2	1
120.	Ceramic Press Operator	242	64	-	-	-	-
121.	Ceramic Decorator	85	55	3	1	15	3
122.	Moulder (Refractory)	5	4	-	-	-	-
123.	Enamel Glazer	50	37	2	-	-	-
124.	Insulator Maker/Machine Operator (Ceramic)	23	11	4	4	-	-
125.	Optical Worker	37	24	-	-	-	-
126.	Painter (General)	1190	832	210	172	296	215
127.	Painter (Marine)	5	8	-	-	-	-
128.	Data Preparation & Computer Software	1852	1160	329	222	647	421
129.	Desk Top Publishing Operator	119	99	3	3	21	18
130.	Programing & Systems Administration Assistant	-	-	-	-	-	-
131.	Advanced Attendant Operator (Process)	9	-	-	-	-	-
132.	Operator Cum Mechanic Pollution Control Equipment	12	2	-	-	-	-
133.	Mechanic Medical Equipment for Hospitals and Occupational Health Centers	-	-	-	-	-	-

1	2	3	4	5	6	7	8
134.	Mechanic Industrial Electronics	38	9	-	-	-	-
135.	Mechanic Advanced Machine Tool Maintenance	18	9	-	-	-	-
136.	Operator Advanced Machine Tool	33	26	-	-	-	-
137.	Power Electrician	53	66	-	-	-	-
138.	Operator-Cum-Mechanic (Power Plant)	10	3	-	-	-	-
	All India Total	218447	157654	45376	27798	58537	36817

Note:- * Includes the data in respect of State/Pvt. Sector for May 2000 relating to SAA Pondicherry and excludes the information pertaining to SAA Jharkhand due to non-receipt.

Annexure-VII

NUMBER OF EX-ITI TRAINEES AND FULL-TERM APPRENTICES TRAINED UNDER THE APPRENTICES ACT ON THE LIVE REGISTER AS ON 31.12.2000 TOGETHER WITH THEIR NUMBER PLACED IN EMPLOYMENT DURING JANUARY-DECEMBER 2000.

Sl. No.	STATE/U.T	2000			
		Ex-ITIs		Full Term Apprentices	
		Live Register	Placement	Live Register	Placement
STATES					
1.	Andhra Pradesh	289003	76	33792	-
2.	Arunachal Pradesh	18	-	-	-
3.	Assam	14995	15	1283	-
4.	Bihar	109025	144	11805	-
5.	Goa	4787	-	101	-
6.	Gujarat	75298	1103	6322	452
7.	Haryana	30808	101	786	-
8.	Himachal Pradesh	27929	4	663	-
9.	Jammu & Kashmir	3146	-	249	-
10.	Karnataka	62218	138	10720	54
11.	Kerala	108250	1015	10004	67
12.	Madhya Pradesh	69833	132	2437	4
13.	Maharashtra	116485	1319	11951	77
14.	Manipur	1941	-	15	-
15.	Meghalaya	249	3	-	-
16.	Mizoram	1012	-	-	-
17.	Nagaland	332	1	1	-
18.	Orissa	30003	62	2429	3
19.	Punjab	36874	29	1567	-
20.	Rajasthan	16095	48	453	6
21.	Sikkim *				
22.	Tamilnadu	177036	438	41255	737
23.	Tripura	2571	51	174	28
24.	Uttar Pradesh	106258	130	6559	7
25.	West Bengal	57615	180	3302	7
UNION TERRITORIES					
26.	A & N Islands	-	-	-	-
27.	Chandigarh	5614	58	263	8
28.	D & N Haveli	185	-	-	-
29.	Delhi	26520	3	555	-
30.	Daman & Diu	538	-	3	-
31.	Lakshadweep	-	-	-	-
32.	Pondicherry	5430	-	-	-
ALL INDIA TOTAL		1380068	5050	146689	1450

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 1985-2000.

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	15804	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	1114856	105584	1.1	2.4
1997	14177	2719	1218401	111529	1.2	2.4
1998	9422	2590	1341378	134328	0.7	1.9
1999	12425	2677	1409788	145612	0.9	1.8
2000	5050	1450	1380068	146689	0.4	1.0

Note:- # Skipped

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 exists.
 - 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 others 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),
14/11, 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 Estt.	Total	
1.	2.	3.	4.	5.	6.	7.	8.	9.

PART-II Total no. of Apprentices undergoing Related Instructions on a	Item (a) At I.T.Is					Item (b) 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), 14/11, 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
			Fresher	Ist year Ex-ITI	2nd year Ex-ITI	Total	
1.	2.	3.	4.	5.	6.	7.	8.

Part-II	Apprentices under trg. in					Part-III	Fresher's	Ex-ITI	Total
	Ist Yr.	2nd Yr.	3rd Yr.	4th Yr.	Total	(i)			
Total number of apprentices						(i) Total no. of apprentices who joined during the half year.			
No. of Scheduled Caste apprentices						(ii) Total no. of apprentices who completed the prescribed period of training during the half year.			
No. of Scheduled Tribe apprentices						(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.			

To

- | | |
|--|--|
| <p>1. The Deputy Director,
Survey & Study Division, M/o Labour (DGET),
14/11, 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 officer _____
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),
14/11, 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	Fail
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),
14/11, Jam Nagar House,
New Delhi-110011.
2. The Regional Director,
Apprenticeship Training
(by State Apprenticeship Adviser only).