



Gender Analysis: PMKVY 2016-2020 – Short Term Training

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Objective

- ❑ Gender analysis of candidate-level data of Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 2.0 – Short Term Training (STT)
- ❑ Indicators at different stages in the skilling chain (Enrollment, Training, Assessment, Certification, and Placement) such as dropout rates, failure rates, placement rates are analyzed and compared across gender and age group / education / state / sector / job role



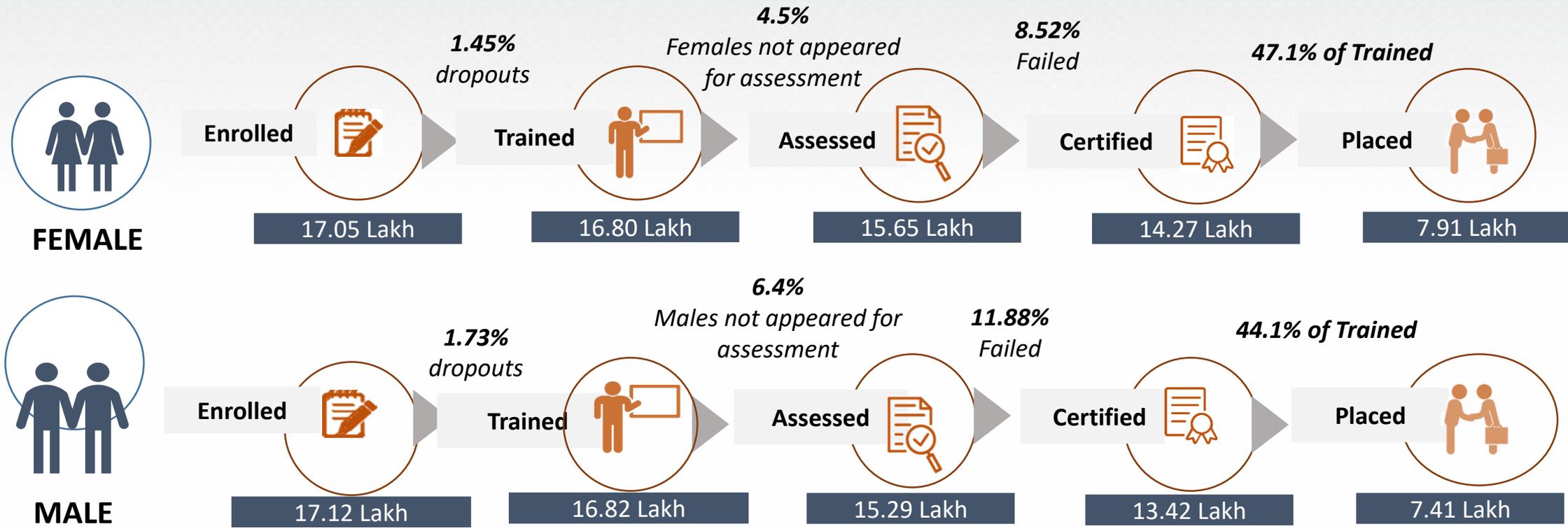
Data Source

- ❑ Candidate level training data of PMKVY 2.0 – STT from Skill Development Management System (SDMS)
- ❑ Data duration: October 2016 to February 2020

Key Observations (1/3)

1

Female candidates outperform male candidates across the training lifecycle, with a lower dropout rate, lower ratio of failed to assessed candidates, and higher ratio of placed to trained candidates



2

While an almost equal share of females and males got enrolled and trained (females comprised 49.9% of enrollments/ trainings), the share of females in certifications and placements is higher (51.5% and 51.6%)

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Key Observations (2/3)

3

Females outperform males in every age group

- Females have higher placement rates than males in all age groups. The gap is wider in groups > 25 years, which have higher female representation (females comprise 46% of trainings in groups < 25 years, going up to 74% in 36-40 and 71% in 41 & above)
- In all age groups, female dropout rate (Dropped out of training, as % of Enrolled), NAA rate ('Not appeared for assessment' as % of Trained), and failure rate (Failed, as % of Assessed) is lower than that of males.
- For females and males, dropout rate is highest in the youngest (14-18 years) and oldest age groups (41 & above).
- Failure rate falls with age group (except, it rises for females in the group 41 years & above).

4

Females outperform males in almost all education categories

- Females have higher placement rates than males in almost all education categories (except 'Not educated' and 'Diploma/ITI/Polytechnic', which show similar rates)
- For both males and females, placement rate is higher for those with fewer years of school education.
- In all education categories – except 'Not educated' – females have lower dropout rates than males. NAA rate and failure rates are also lower for females.

5

13 out of the top 15 states (which account for 86% of trainings) show higher placement rate for females than for males (except Uttar Pradesh and Karnataka)

- However, females comprise less than 50% share in trainings in 10 out of 35 states, and all of these 10 states are in the top 15 w.r.t. trainings.
- **Female share in trainings varies widely across states, from 72% in Tamil Nadu to 37% in Bihar.**
- The five large states with more than 50% female share are – Tamil Nadu, Delhi, Punjab, Jammu & Kashmir, Telangana. Large states such as Bihar, Rajasthan, Uttar Pradesh have the lowest share of females in trainings (37%, 43%, 43%, respectively).
- Uttar Pradesh, Madhya Pradesh, West Bengal, Tamil Nadu have higher dropout rates for females than for males. Female dropout rate is highest for states like Delhi, Tamil Nadu, Odisha and Telangana. Both male and female dropout rates in Tamil Nadu, Telangana, Delhi, Maharashtra, Gujarat and Odisha are higher than the overall level
- Except for Chandigarh, all states / UTs have lower female failure rate than male

Key Observations (3/3)

6

Females have higher placement rates than males in larger female-dominated sectors, like Apparel, Beauty and Wellness. Smaller sectors such as Mining, Life Sciences, Iron & Steel have low female placement rate

- Females comprise more than 50% of trainings or placements in only five out of the top 15 sectors (w.r.t. trainings) – Beauty & Wellness, Apparel, Media & Entertainment, Healthcare and IT-ITeS. **Female representation in top 15 sectors goes up from as low as 6%** in Construction, 11% in Automotive, 15% in Power **to 98%** in Beauty & Wellness and 96% in Apparel.
- Female dropout rates are lower than for males in most sectors – except Media and Entertainment (14th largest w.r.t. trainings), Automotive (15th largest), Green Jobs, Gems and Jewellery, Security and Life Sciences (the latter four sectors do not rank in the top 15). Female dropout rate is the lowest in sectors like Agriculture, Power, BFSI, Retail.
- Failure rate in Capital Goods sector is the highest for both females and males. 5 sectors – IT-ITeS, BFSI, Power, Plumbing and Iron and Steel – show higher failure rate for females than for males
- In most sectors (except Iron and Steel, Construction, Management, Power, Handicrafts and Carpet, Hydrocarbon), mean monthly income of females is lower than that of males. Highest difference in income is observed in Sports, Apparel and Mining.

7

Female dominated job roles (Self Employed Tailor, Sewing Machine Operator, Assistant Beauty Therapist) show female placement rates that are both above the overall rate and higher than the male placement rate

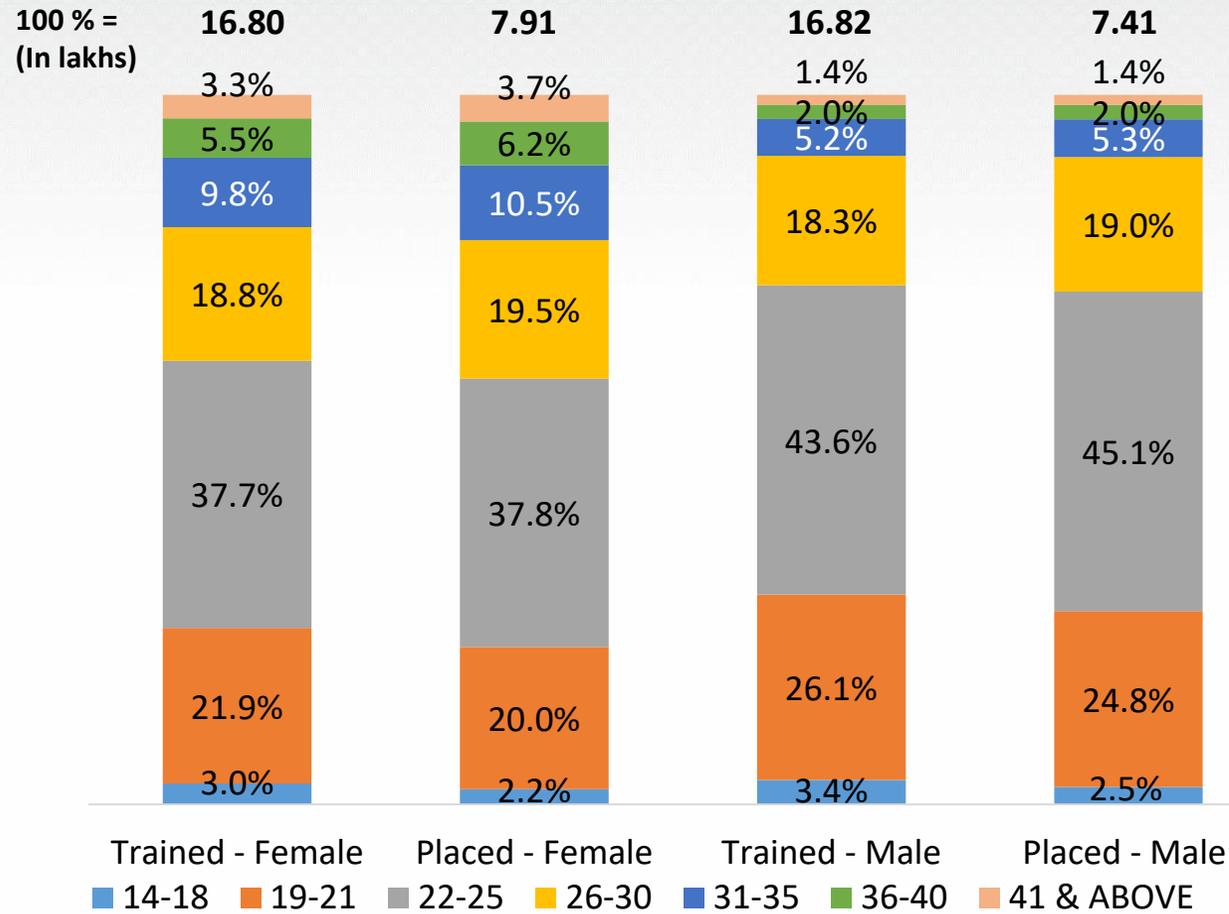
- Among top 15 job roles (accounting for >55% of training), five are dominated by females – Self Employed Tailor-98%, Sewing Machine Operator-92%, Documentation Assistant-52%, Assistant Beauty Therapist-99% and General Duty Assistant-74%.
- The highest female NAA rates (7.5% and 7.2%) are seen in male dominated job roles (Field Technician – Other Home Appliances and Assistant Electrician job roles, while the highest male NAA rates (9.4% and 9.2%) are in female dominated job roles (Sewing Machine Operator and Assistant Beauty Therapist).
- The highest failure rate, both for males and females, is observed in job roles such as Domestic Data Entry Operator, GST Accounts Assistant, and Field Technician - Other Home Appliances.
- In job roles such as Self-Employed Tailor, Sewing Machine Operator, Pedicurist & Manicurist, which are dominated by females, **mean monthly income of females is lower than that of males**. However, in job roles like Assistant Electrician, Field Technician-Computing and Peripherals, CCTV Installation Technicians, Courier Delivery Executive, Field Technician-Other Home Appliances, which are dominated by males, it is either equivalent or slightly higher. This could indicate a supply-demand mismatch.

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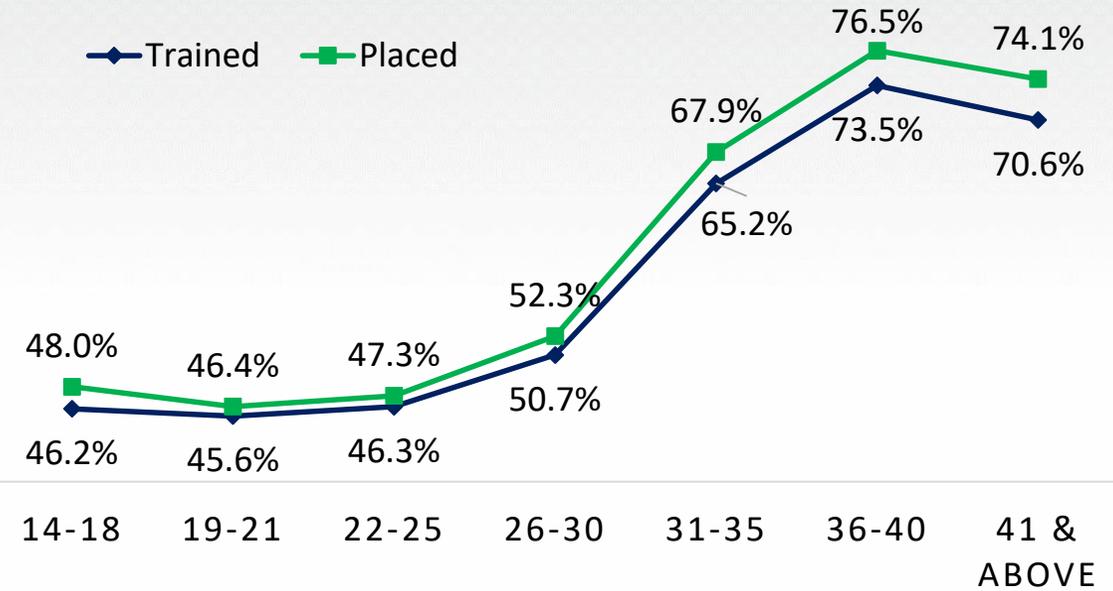
Age group - wise analysis

Female representation in trainings and placements rises with age group

Candidates trained and placed – by age group and gender

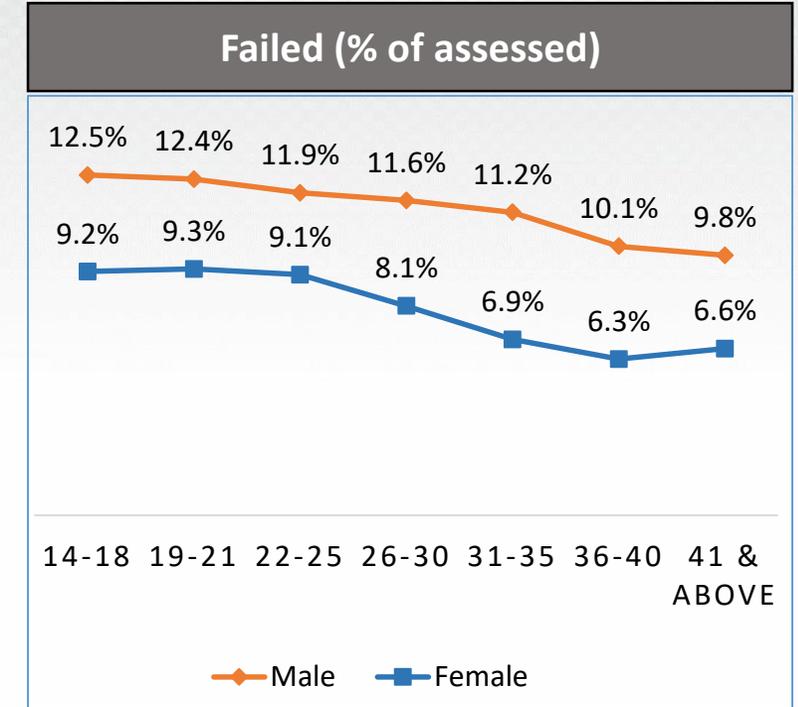
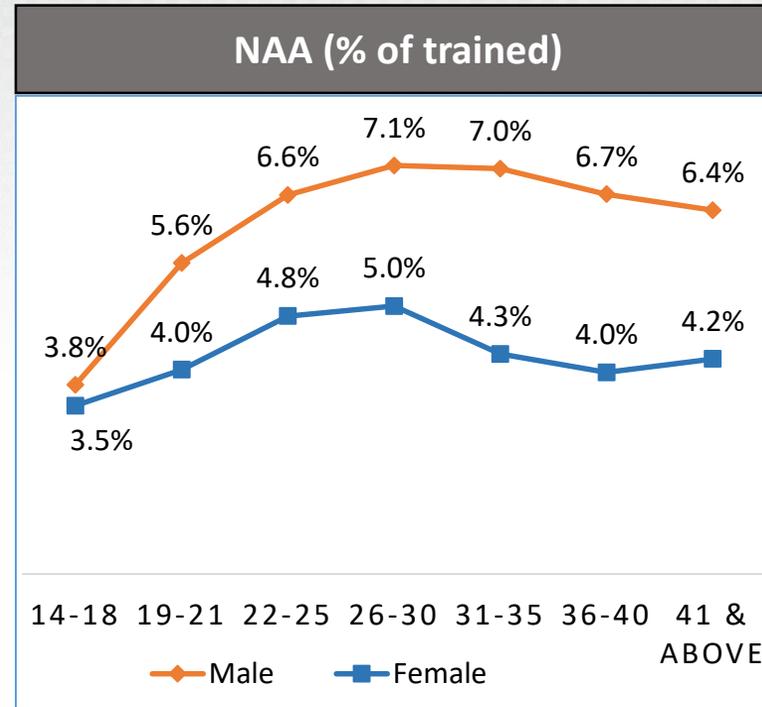
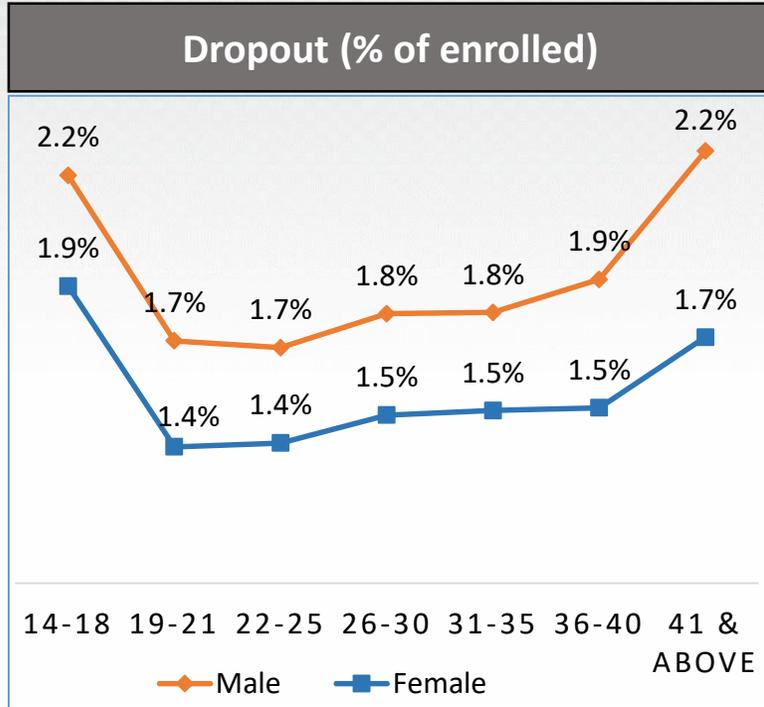


Share of females in trainings and placements - by age group



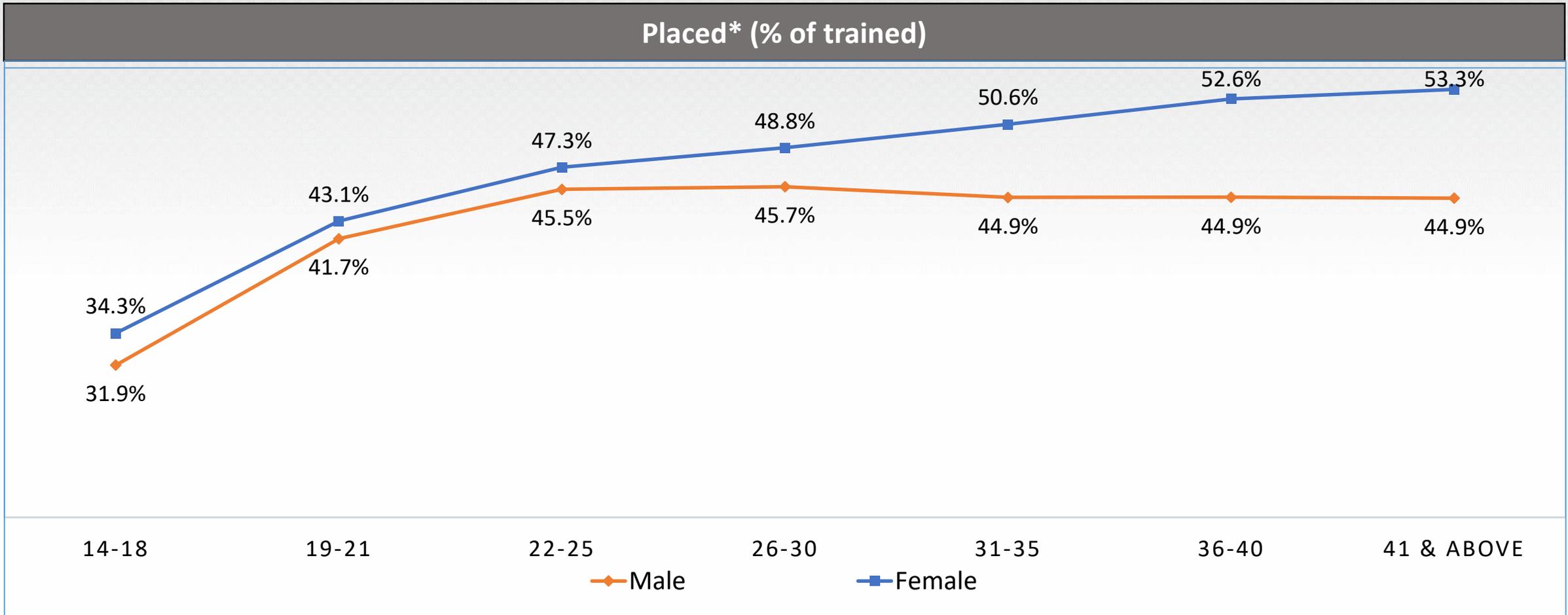
- Male candidates have a younger age profile – 73% of the trained males are < 25 years of age, compared to 62% females
- In each age group, share of females in placements is higher than that in trainings, suggesting better outcomes for females.

In every age group, females show lower dropout rate, NAA rate (% of trained), and failure rate than males



- For both females and males, dropout rate is highest in the youngest (14-18 years) and oldest age groups (41 & above).
- NAA rate rises with age and peaks in the 26-30 group for both females and males. It consistently drops thereafter for males. For females, it drops up to 36-40 group, and then rises again
- Failure rate largely falls with age group, though for females, it rises in the 41 years & above group.

Females outperform males w.r.t. placement rate and the gap widens for age groups older than 25 years



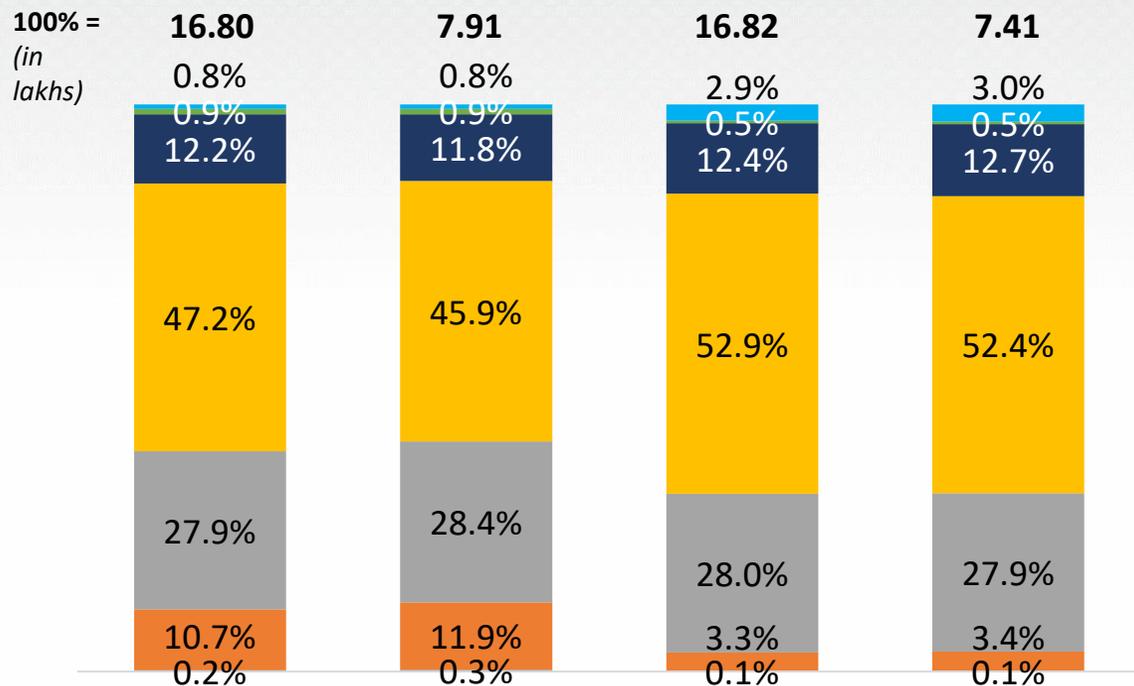
Placement rate rises with age group for both males and females

* Placed candidates are those who placement status is reported as 'Yes' in SDMS

Education - wise analysis

Share of females in trainings and placements is highest in the 'not educated' and 5th- 8th standard categories

Candidates trained and placed – by education level and gender



100% = (in lakhs)

Trained- Female Placed - Female Trained - Male Placed - Male

■ Diploma / ITI / Polytechnic / Other ■ Post-Graduate & above
■ Graduate ■ 11th to 12th
■ 9th to 10th ■ 5th to 8th
■ No Education

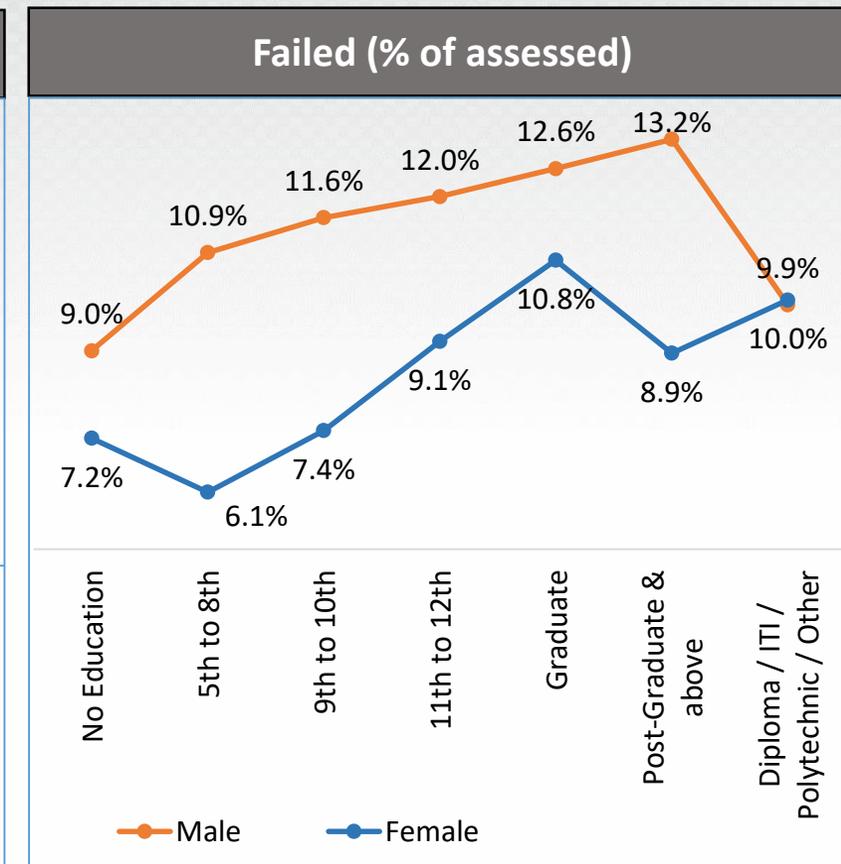
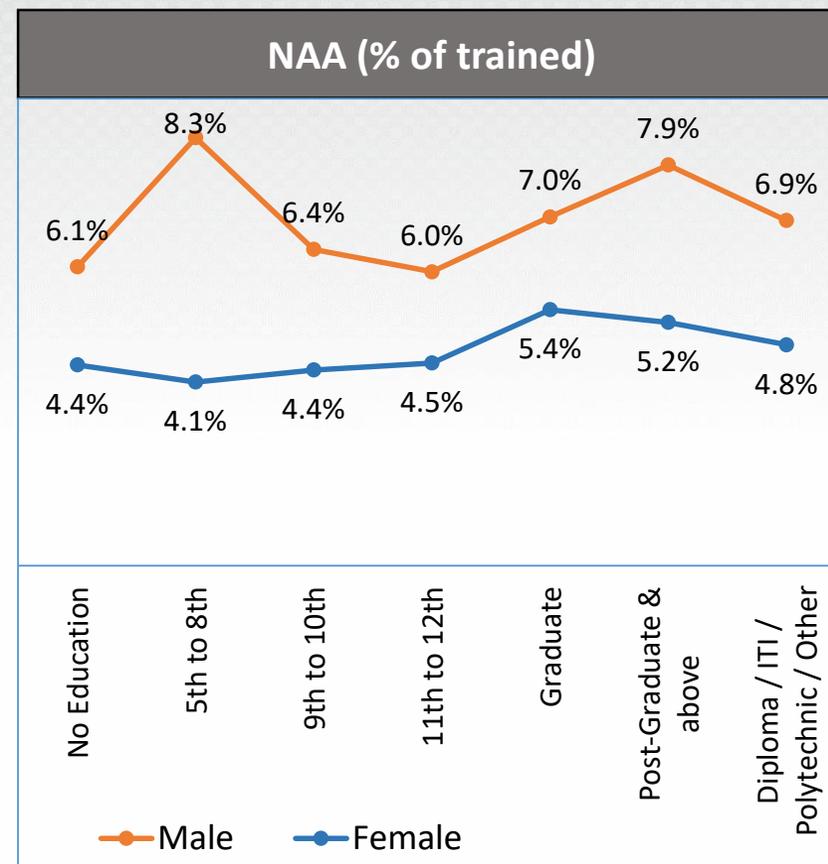
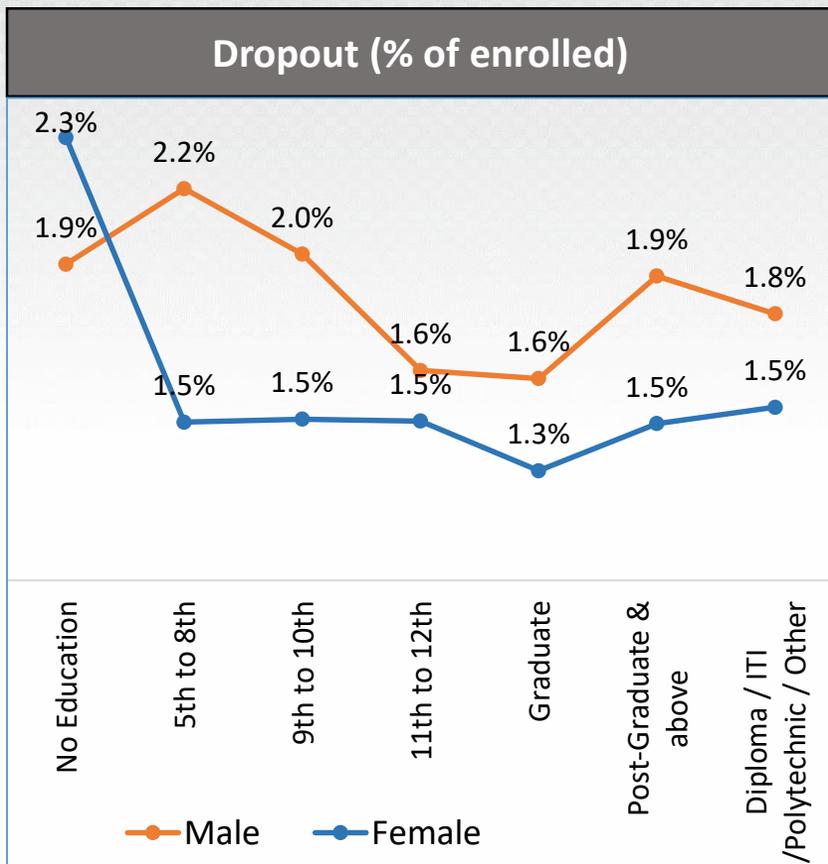
Share of females in trainings and placements - by education level



● Trained ● Placed

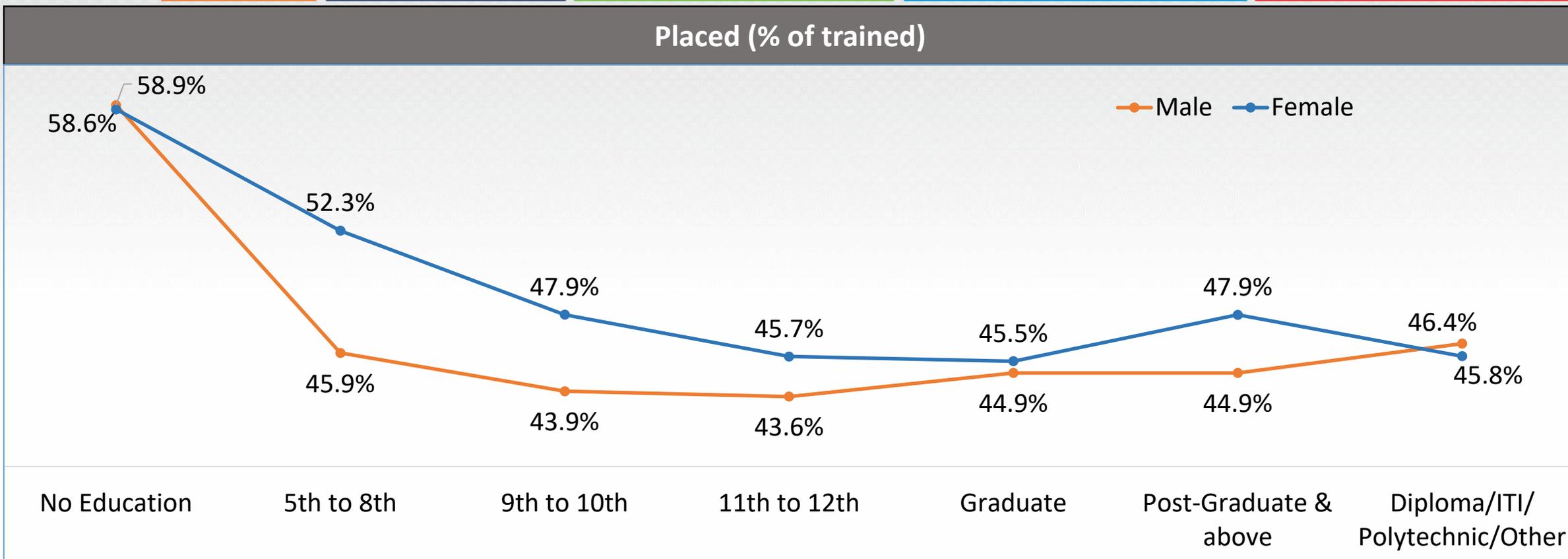
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In each education category – except ‘not educated’ – females have lower dropout rates than males. NAA rates and failure rates are lower for females.



- Female dropout rate is highest for candidates who are not educated, while male dropout rate is highest in the 5th - 8th standard category
- Female NAA rate rises with education level up until the graduate category, falling thereafter. Male NAA rate is highest for 5th to 8th
- Failure rate rises for both males and females with years of school education. Failure rate for females is highest in the graduate category. For males, failure rate is higher for higher education levels, up until the post graduate and above category

Females have higher placement rates than males in almost all education categories (except 'Not educated and 'Diploma/ITI/Polytechnic', which show similar rates)



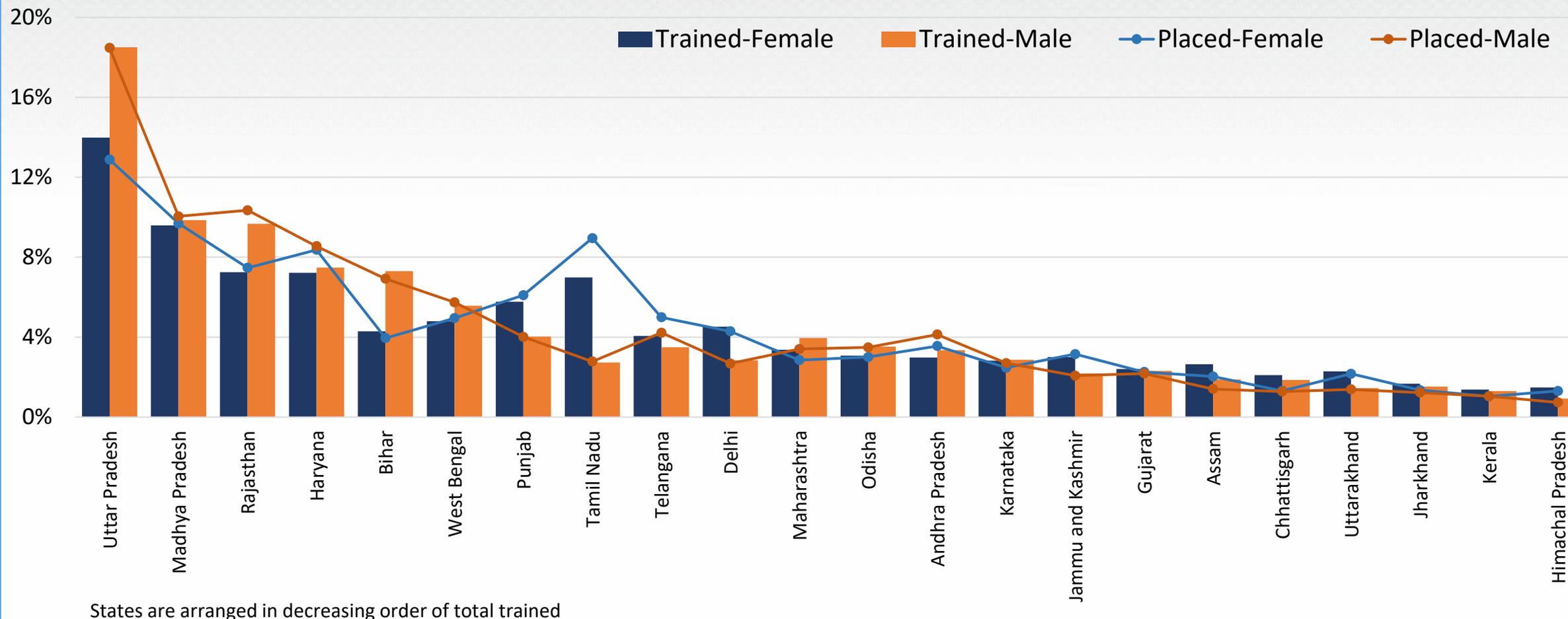
- For both females and males, placement rate is highest in the 'not educated' category and falls with years of school education. Lowest female placement rate is for graduates and 11th to 12th categories. Lowest male placement rate is for 11-12th, 9th-10th and graduates.
- Highest placement rates observed among the not educated candidates for both males and females.
- Highest difference of placement rate for male and female is observed for 5th to 8th education level.

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State - wise analysis

Out of the top 15 states, 7 states have a higher share in placements than in trainings for both males and females. However, two states – Punjab and J & K – have a higher share in placements than in trainings only for females.

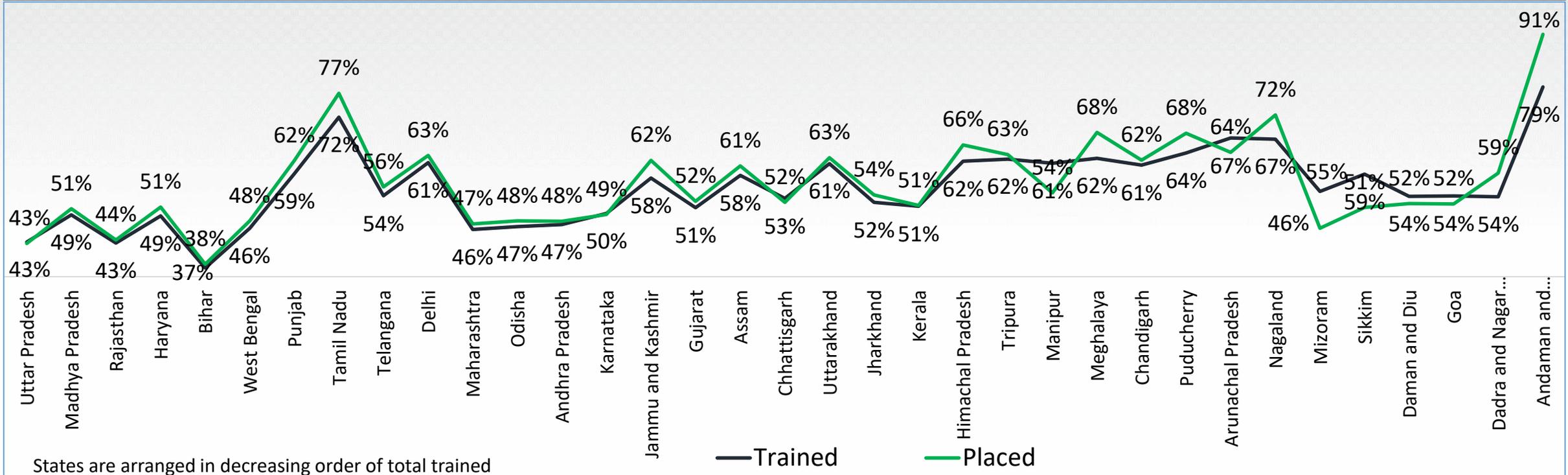
Share of state in trainings / placements – by gender



* States with at least 1% share in trainings are considered and these 22 states accounts for 97% of total training and placement

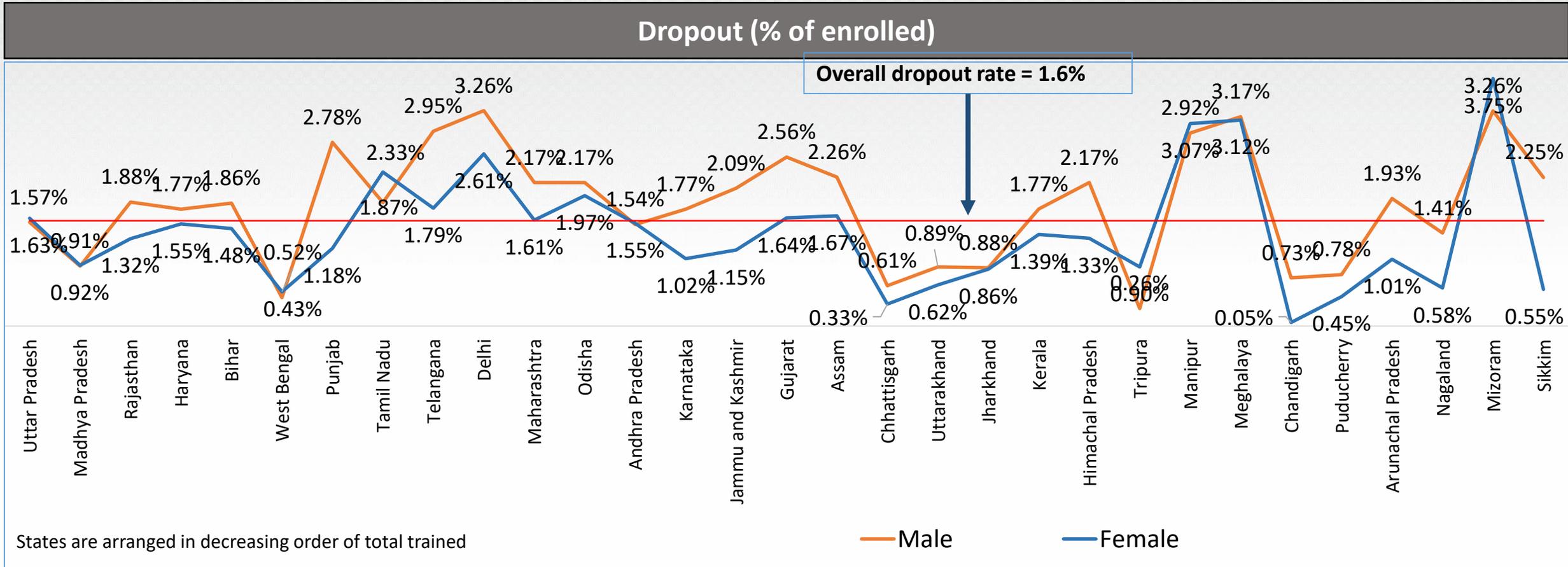
Tamil Nadu has the highest share of females in trainings (72%) and placements (77%) among the large states, and Bihar has the lowest (37% and 38%, respectively)

Share of females in trainings and placements – by state



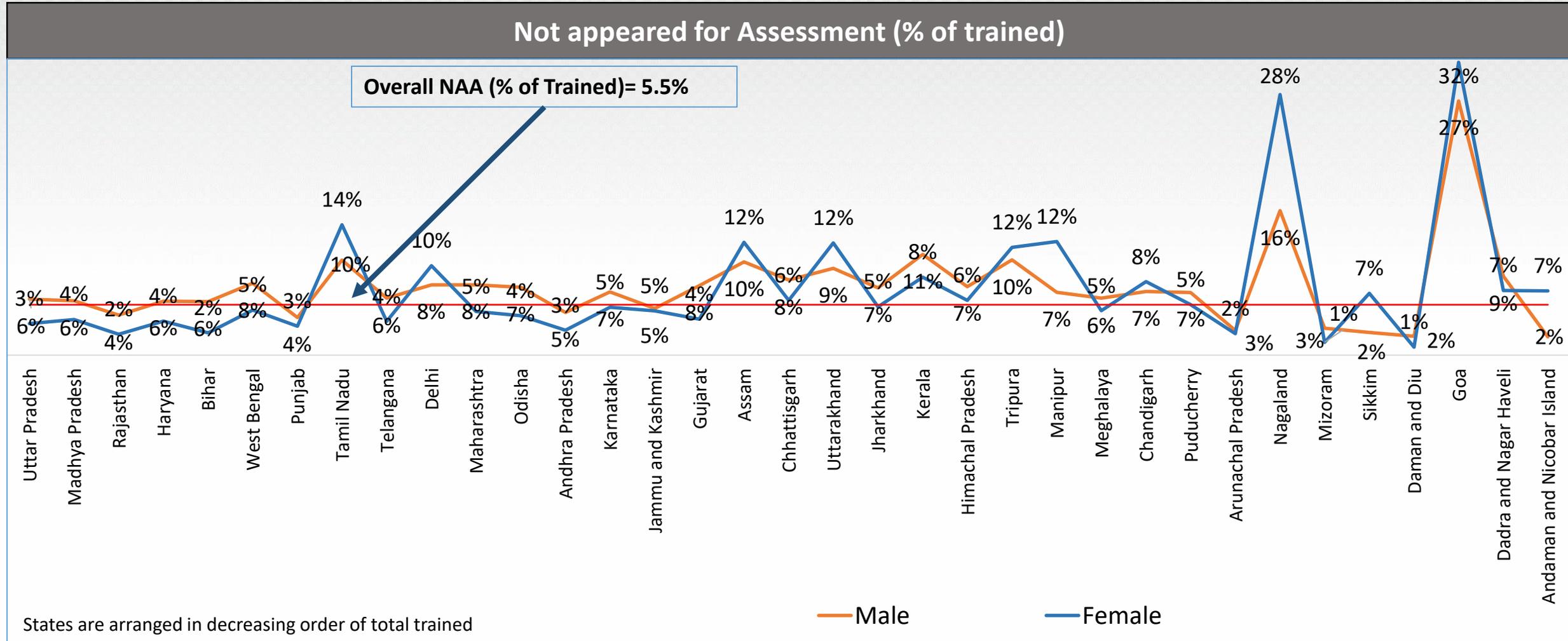
- Females comprise more than 50% of trained candidates in five out of the top 15 states – Tamil Nadu, Delhi, Punjab, Jammu & Kashmir, Telangana – and more than 50% of placed candidates in seven out of the top 15 states (Haryana and MP, in addition to the above five)
- Share of females in placements is higher than in trainings in almost all states (except in Karnataka and Chhattisgarh, and smaller states like Manipur, Arunachal Pradesh, Mizoram, Sikkim, Goa and Daman and Diu)
- States like Bihar, Rajasthan, Uttar Pradesh are dominated by males

Female dropout rates are lower than for males in all except 8 states – Uttar Pradesh, Madhya Pradesh, West Bengal, Tamil Nadu, Andhra Pradesh, Tripura, Manipur and Mizoram

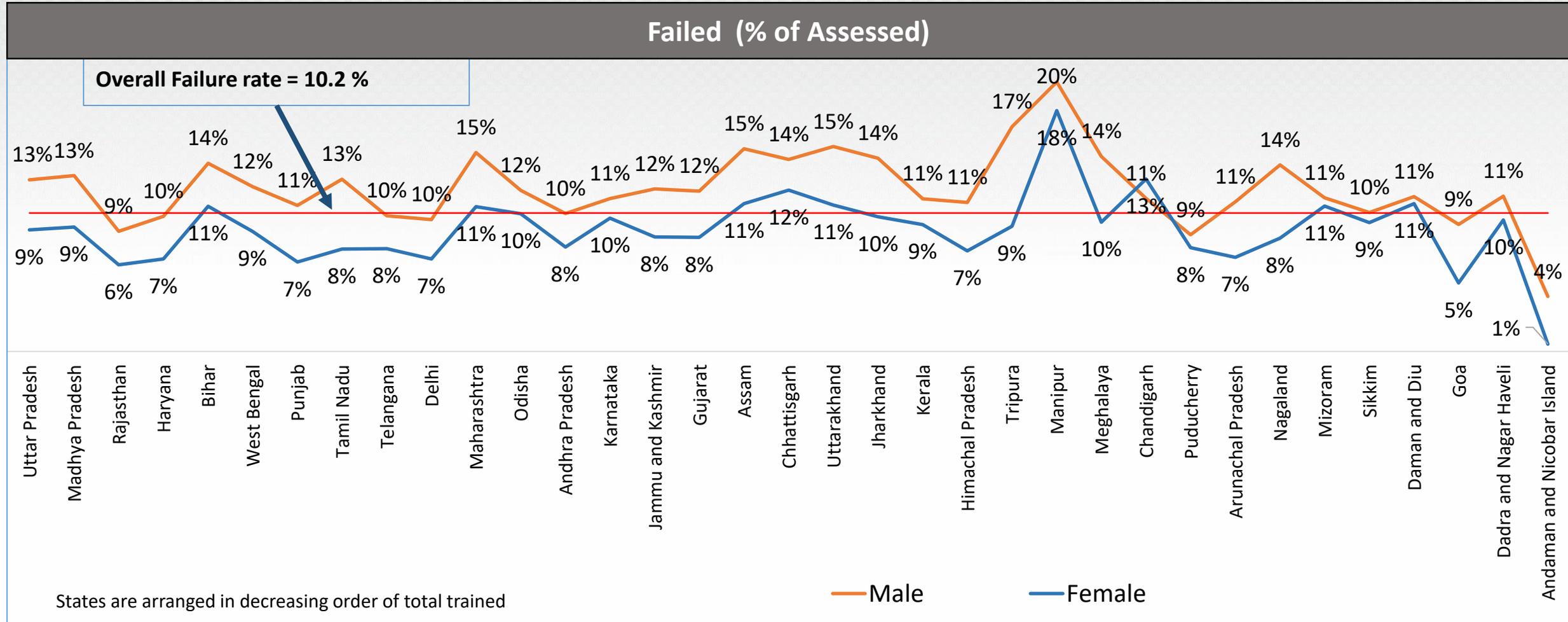


- Tamil Nadu, Telangana, Delhi, Maharashtra, Gujarat and Odisha, are large states with both female and male dropout rates higher than the overall level
- Female dropout rate is highest for states like Delhi, Tamil Nadu, Odisha and Telangana

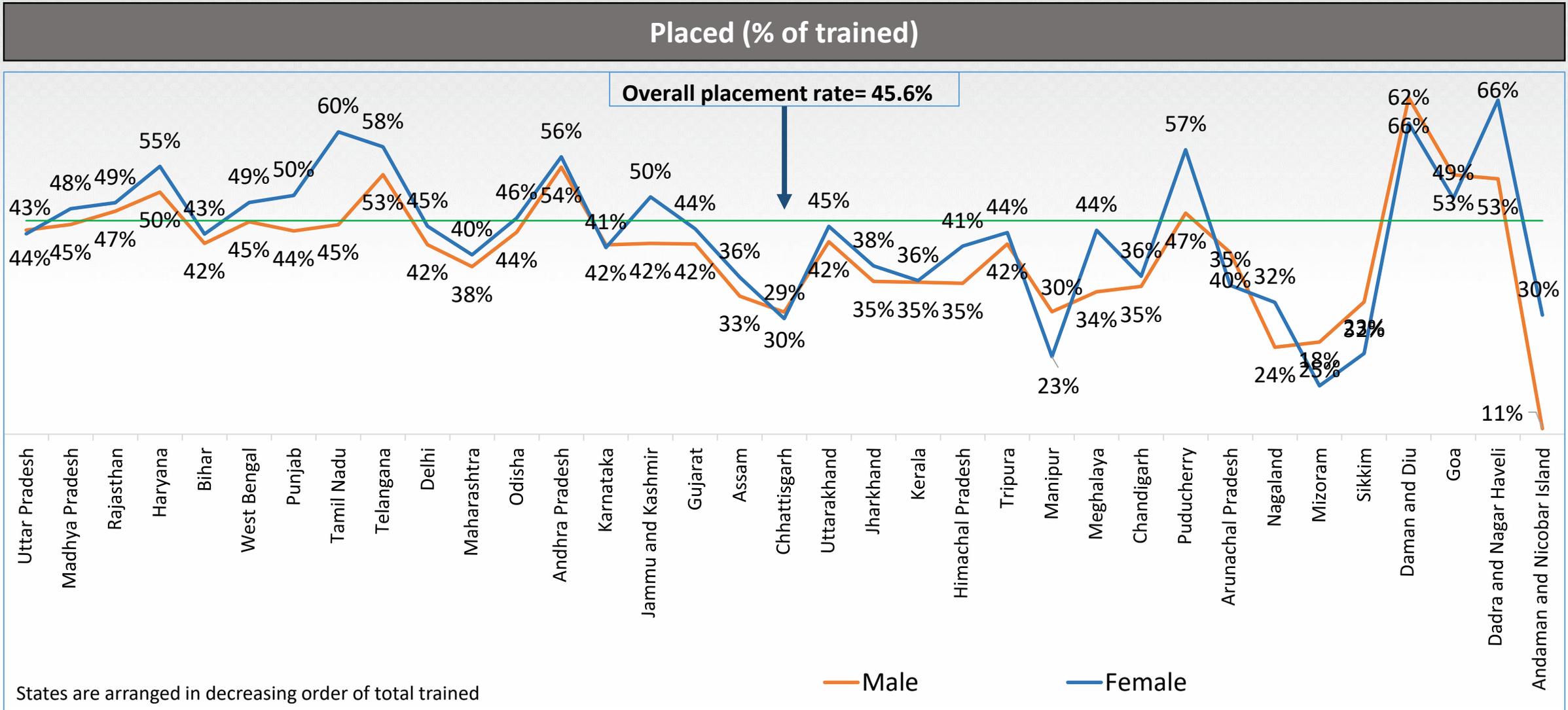
Among the large states (w.r.t. trainings), Tamil Nadu and Delhi have the highest female NAA rates, while Rajasthan has the lowest



Except for Chandigarh, all states / UTs have lower female failure rate than male



Among the top 15 states, which account for 86% of trainings, 13 states (except UP and Karnataka) have higher female placement rate than male

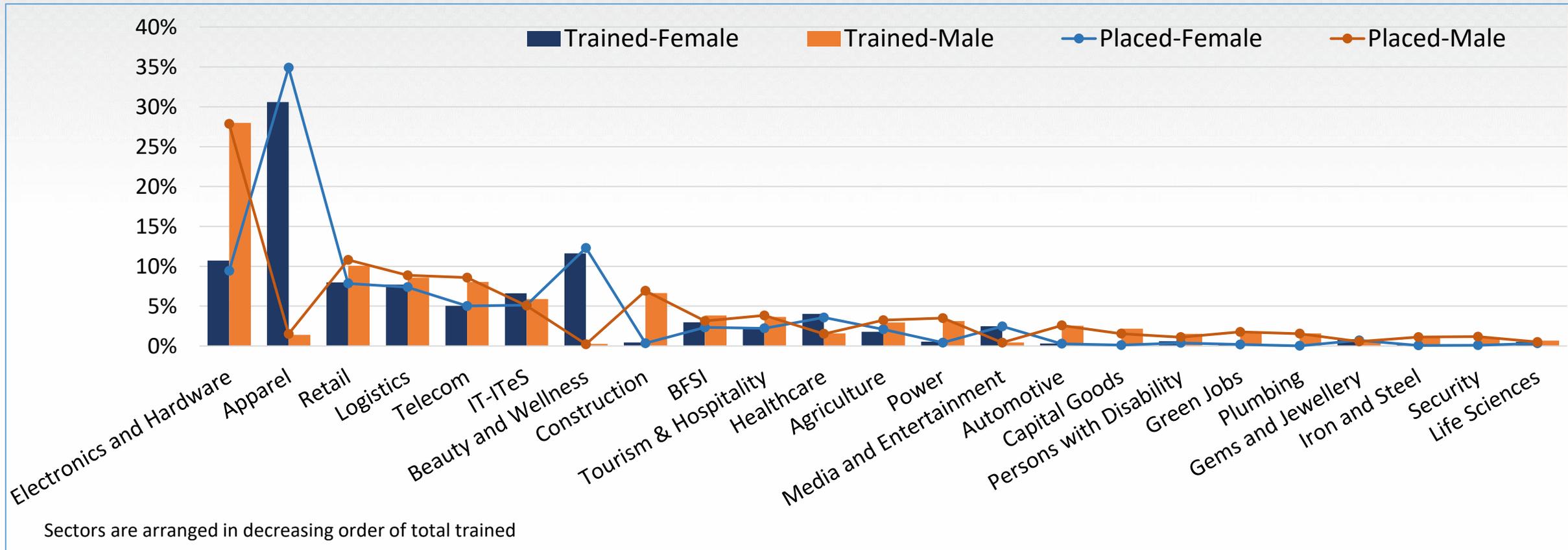


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Sector - wise analysis

Females comprise more than 50% of trainings and placements in five out of the top 15 sectors (w.r.t. trainings or placements) – Beauty & Wellness, Apparel, Media & Entertainment, Healthcare and IT-ITeS

Share of sector in trainings / placements – by gender



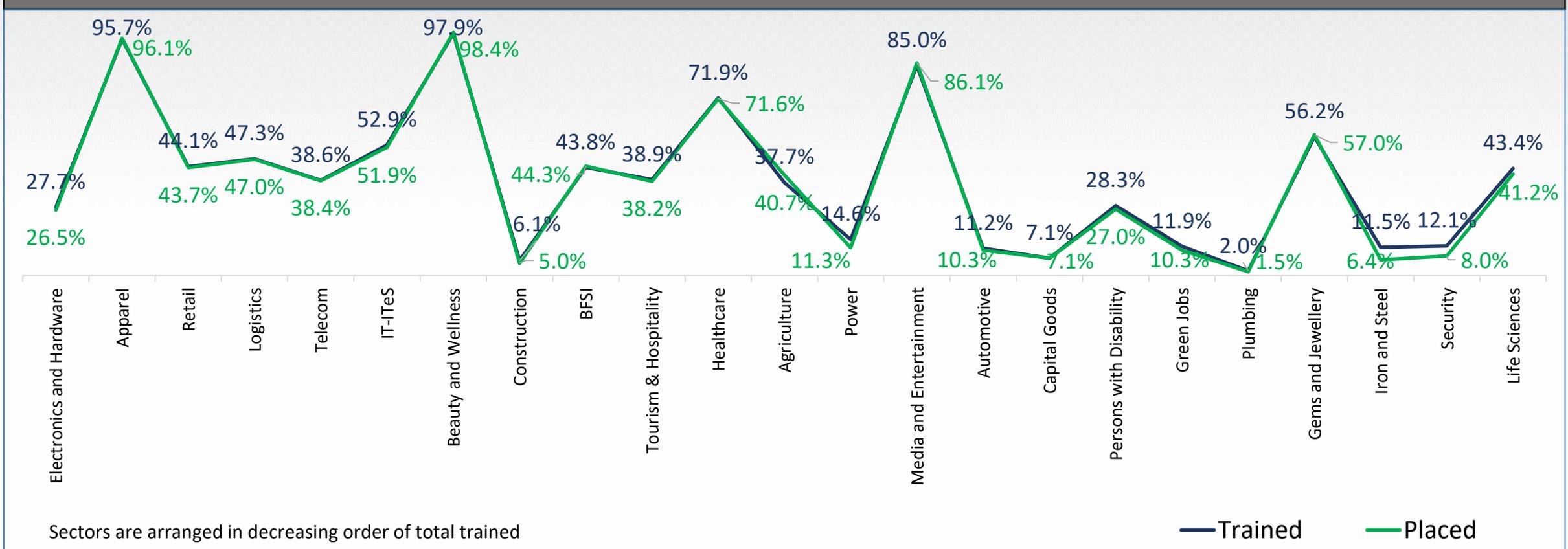
In top 15 sectors, female representation in trainings varies from 6% to 98%

* Sectors with at least 1% of total trained are considered and these 23 sectors accounts for 98% of total trained and 97% of total placed

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Though there is a variation in female participation sector-wise, no substantial gap is observed between share of females in trainings and placements (except in sectors like Iron & Steel)

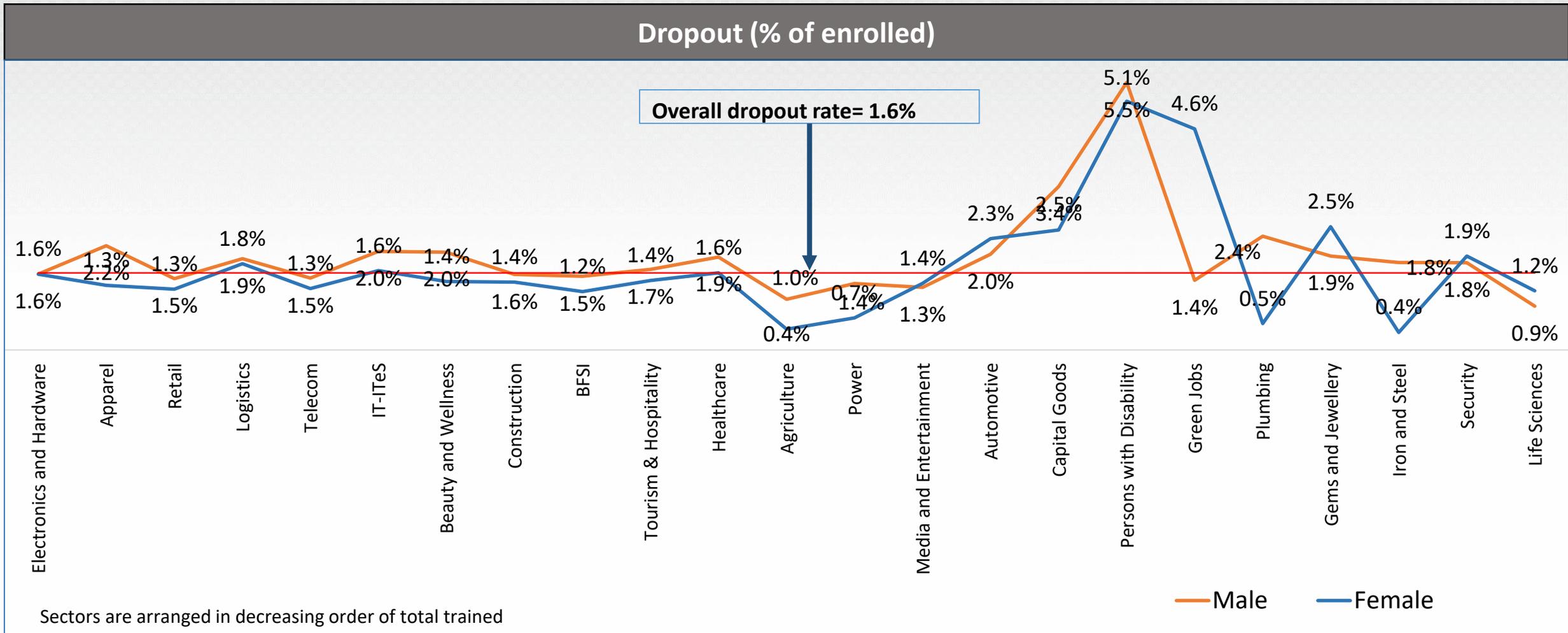
Share of females in trainings and placements – by sector



Few sectors like- Apparel, Beauty and Wellness, Healthcare, Media and Entertainment and Gems and Jewelry are dominated by female however sectors like-Electronics and Hardware, Construction, Power, Automotive, Capital Goods are dominated by males

* Sectors with at least 1% of total trained are considered and these 23 sectors accounts for 98% of total trained and 97% of total placed

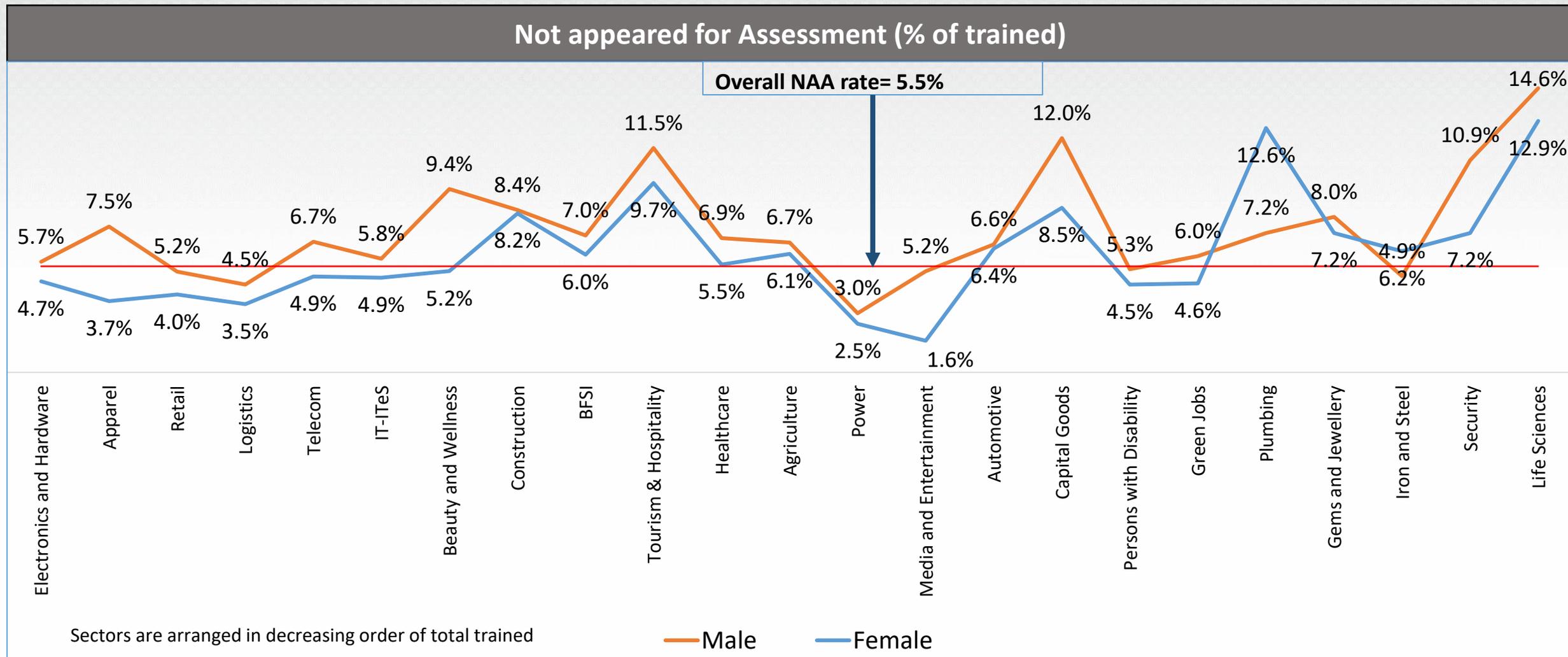
Female dropout rates are lower than for males in all except six sectors – Media and Entertainment, Automotive, Green Jobs, Gems and Jewellery, Security and Life Sciences



Female dropout rate is the lowest in sectors like Agriculture, Power, BFSI, Retail

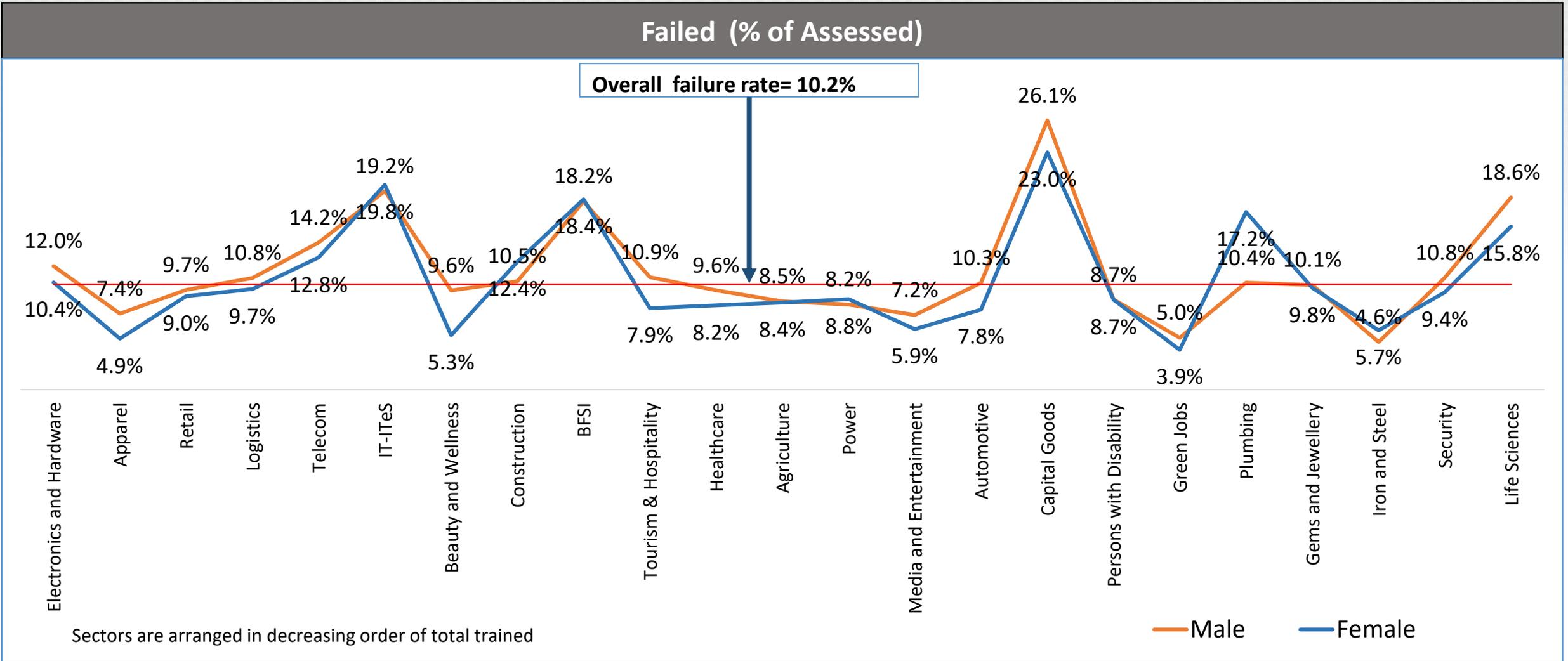
* Sectors with at least 1% of total trained are considered and these 23 sectors accounts for 98% of total trained and 97% of total placed

Only two sectors, Plumbing and Iron and Steel, have higher female NAA rate than male



* Sectors with at least 1% of total trained are considered and these 23 sectors accounts for 98% of total trained and 97% of total placed

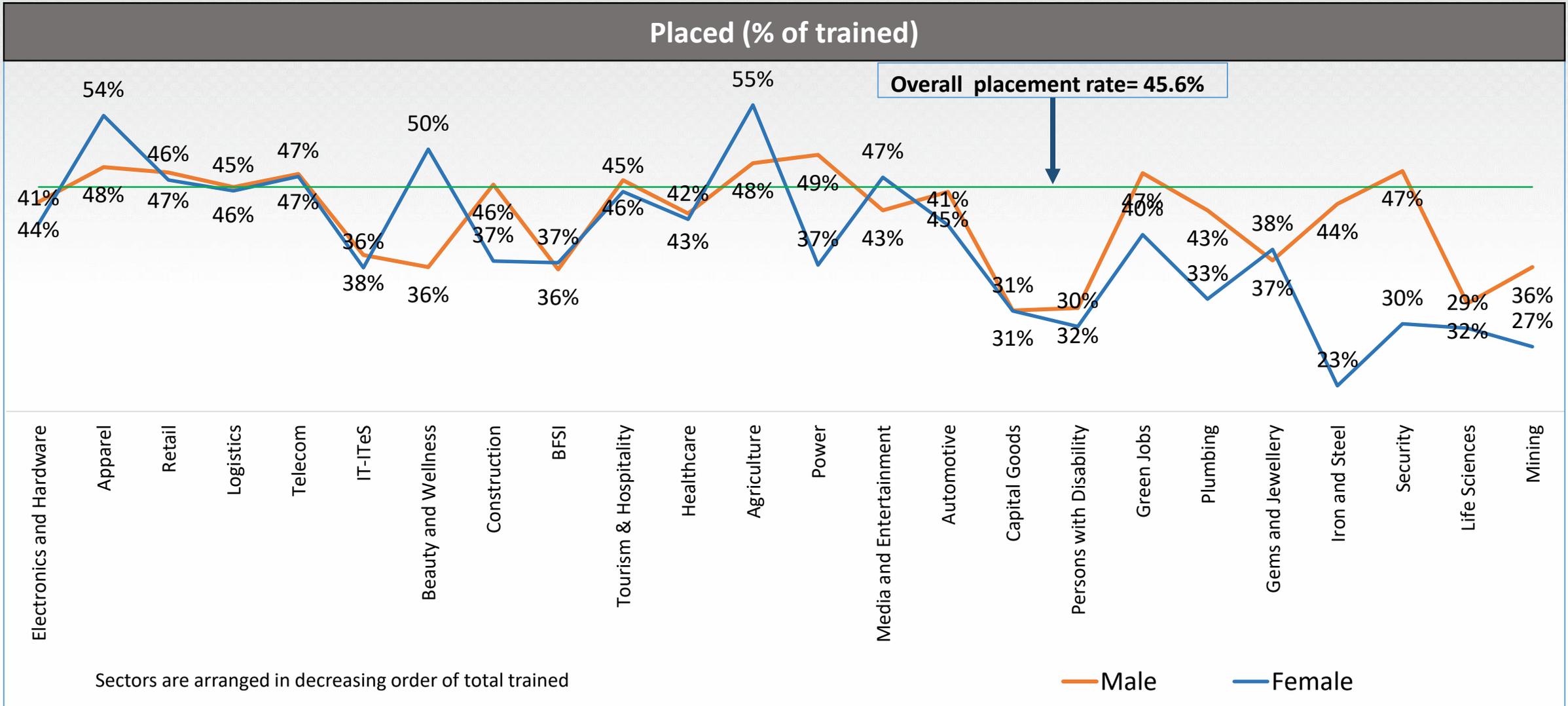
Failure rate in Capital Goods sector is the highest for both females and males. 5 sectors – IT-ITeS, BFSI, Power, Plumbing and Iron and Steel – show higher failure rate for females than for males



* Sectors with at least 1% of total trained are considered and these 23 sectors accounts for 98% of total trained and 97% of total placed

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Larger female-dominated sectors, like Apparel, Beauty and Wellness, have higher female placement rate

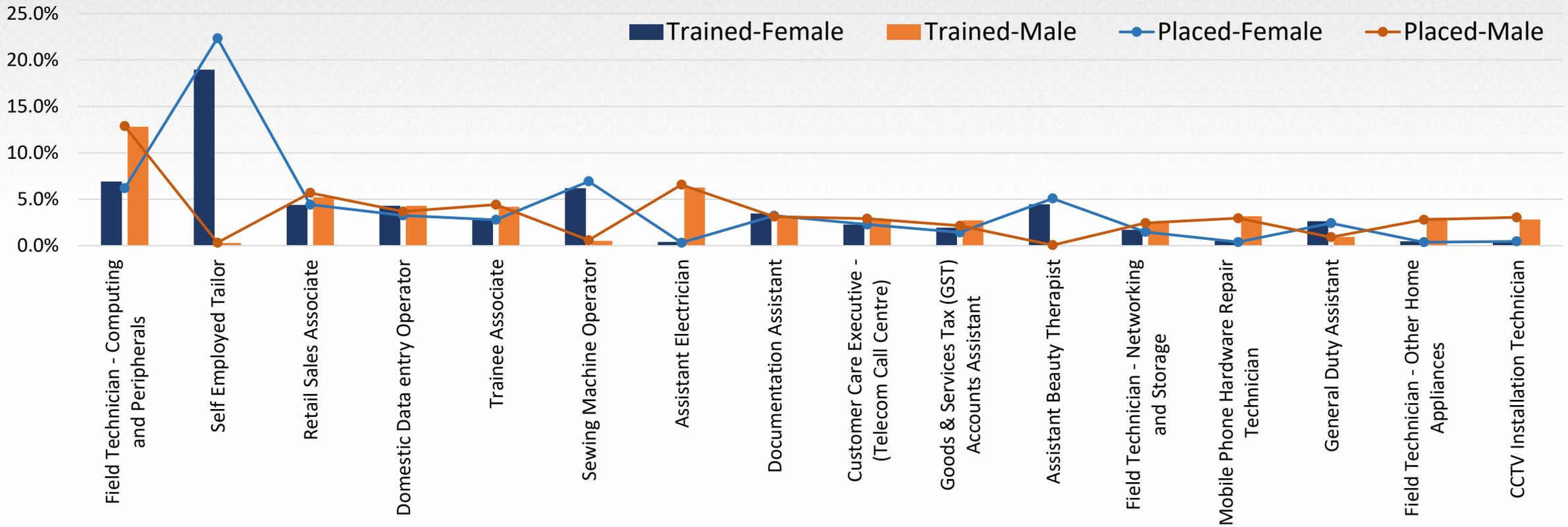


* Sectors with at least 1% of total trained are considered and these 23 sectors accounts for 98% of total trained and 97% of total placed

Job role - wise analysis

19% of all the females trained and 22% of all the females placed are in 'Self Employed Tailor' job role, while the corresponding figure for males is just 0.3% (trained and placed)

Share of job role in trainings / placements – by gender



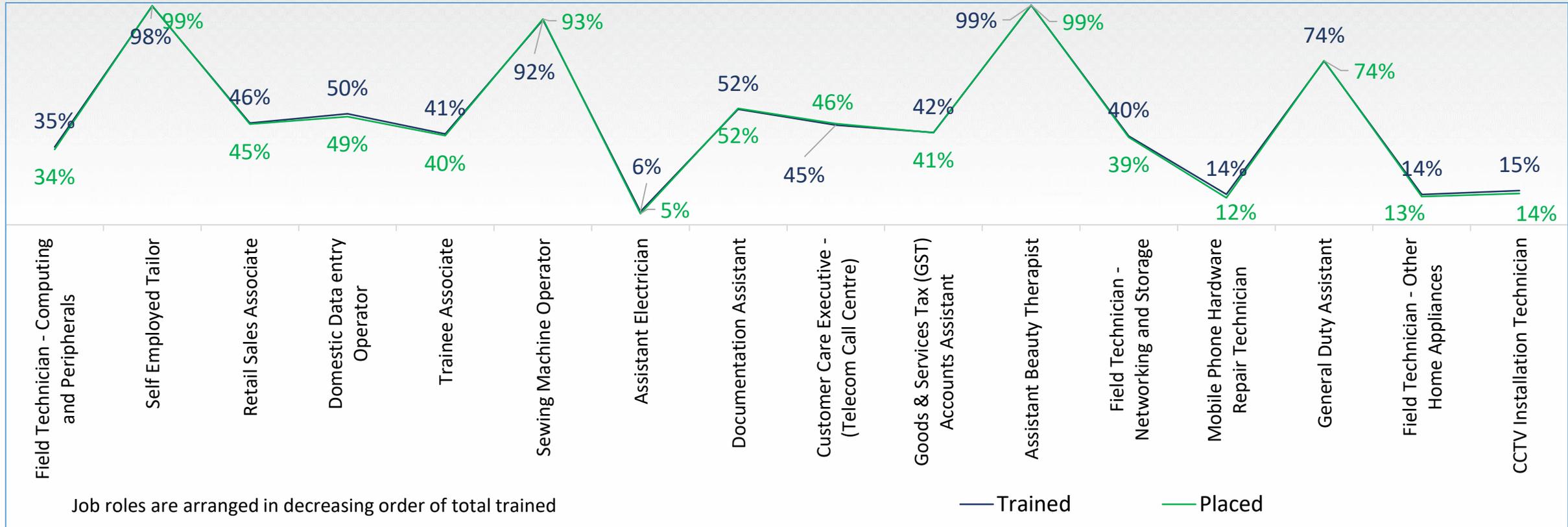
Job roles are arranged in decreasing order of total trained

* Job roles with more than 1.5% of total trained candidates are considered and these 16 job roles accounts for 58% of total trained and 59% of total placed candidates

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Though there is a variation in female participation sector-wise, no substantial gap is observed between share of females in trainings and that in placements (except for few job roles such as Mobile Phone Hardware Repair Technician)

Share of females in trainings and placements – by job role

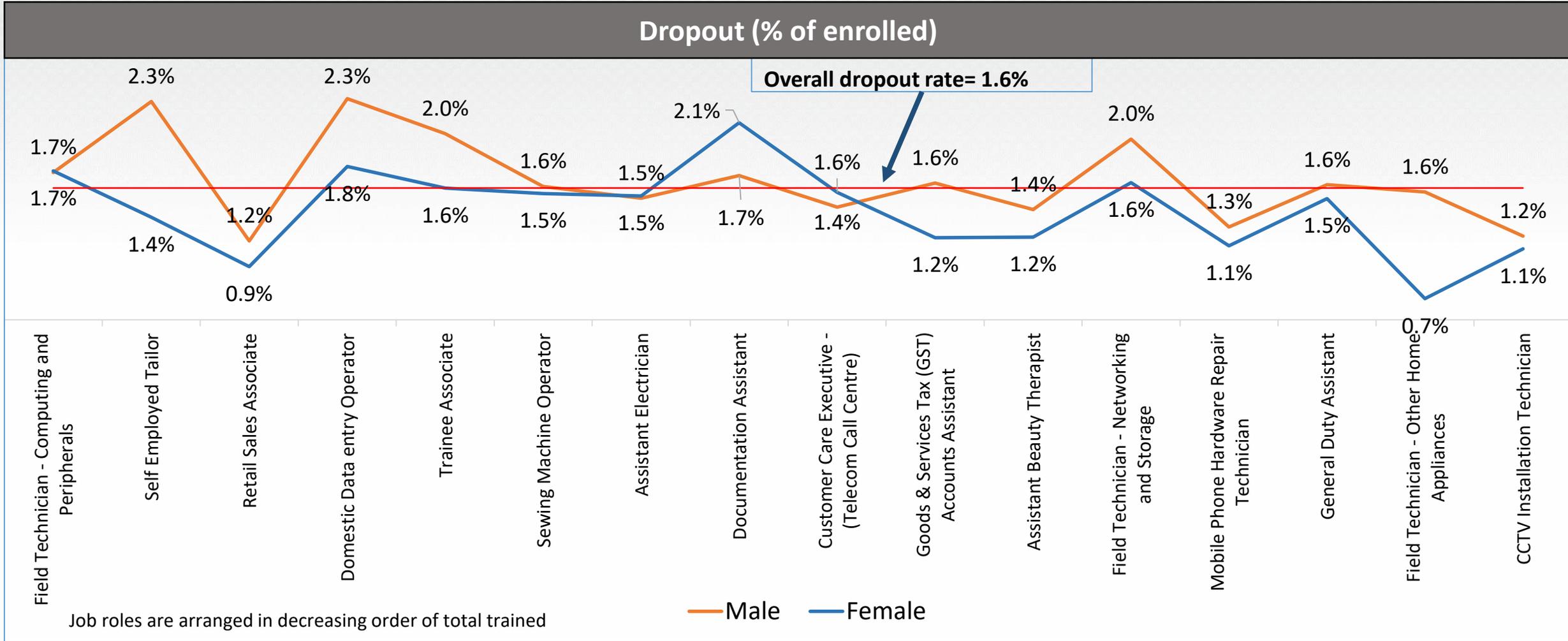


Females comprise more than 50% of trainings in five out of the top 15 job roles (w.r.t trainings) – Assistant Beauty Therapist, Self Employed Tailor, Sewing Machine Operator, General Duty Assistant, Documentation Assistant.

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* Job roles with more than 1.5% of total trained candidates are considered and these 16 job roles accounts for 58% of total trained and 59% of total placed candidates

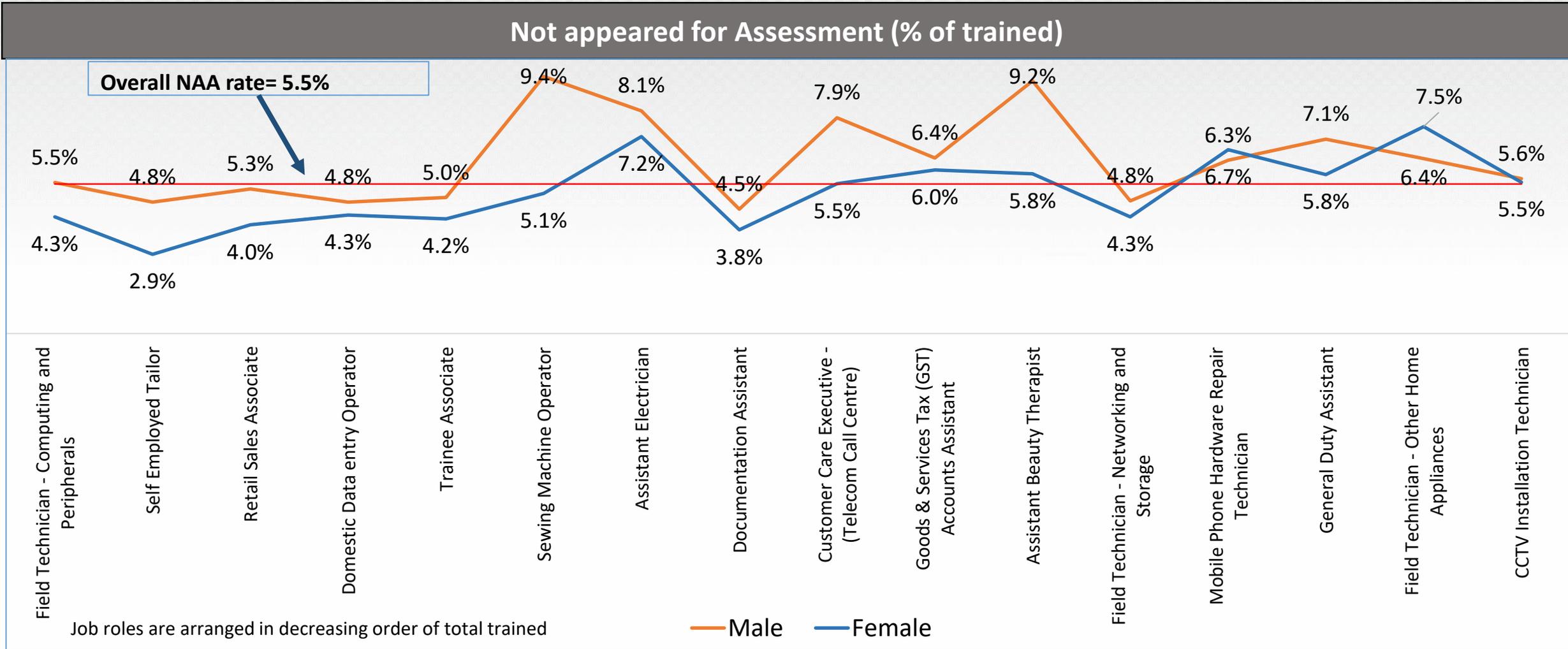
Female dropout rate is lower than that of males in nearly all job roles except – Field Technician – Computing and Peripherals, Assistant Electrician, Documentation Assistant and Customer Care Executive (Telecom Call Centre) job roles



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* Job roles with more than 1.5% of total trained candidates are considered and these 16 job roles accounts for 58% of total trained and 59% of total placed candidates

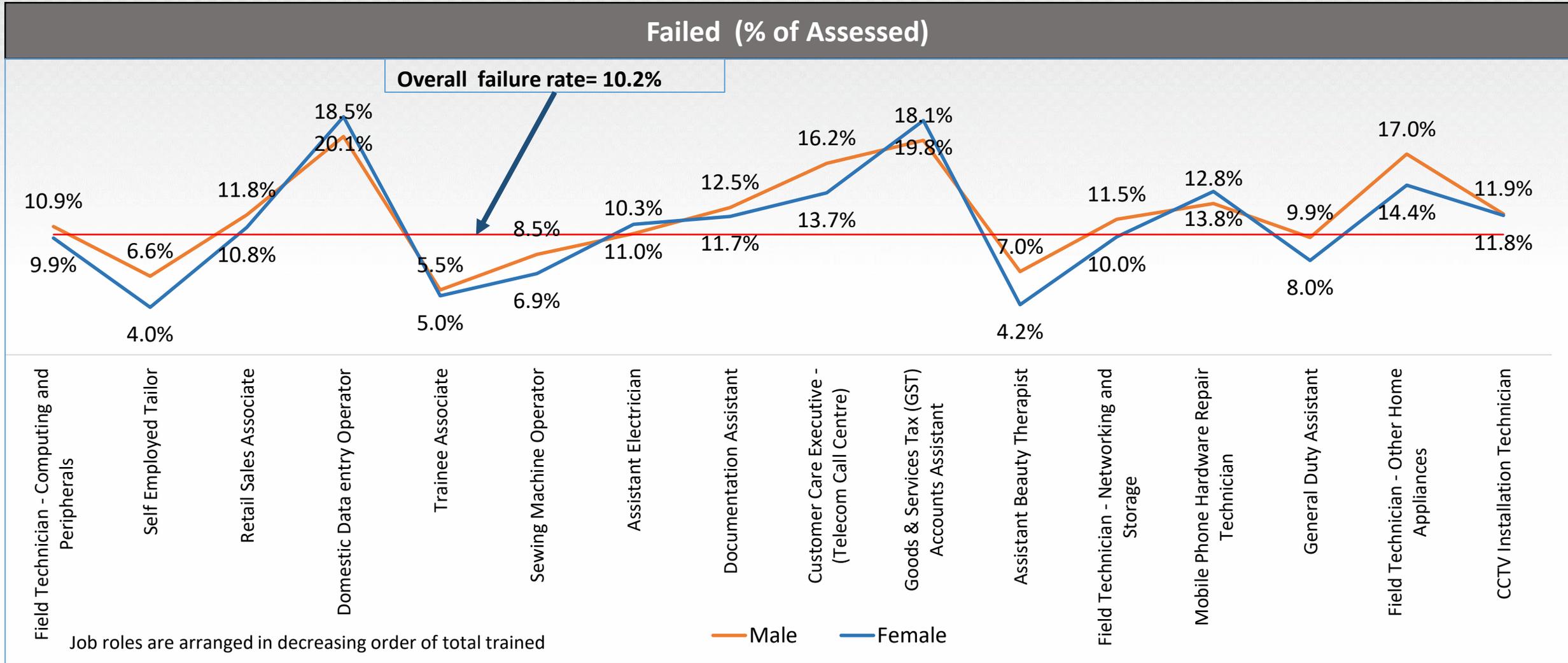
The highest female NAA rates (7.5% and 7.2%) are seen in male dominated job roles (Field Technician – Other Home Appliances and Assistant Electrician), while the highest male NAA rates (9.4% and 9.2%) are in female dominated job roles (Sewing Machine Operator and Assistant Beauty Therapist)



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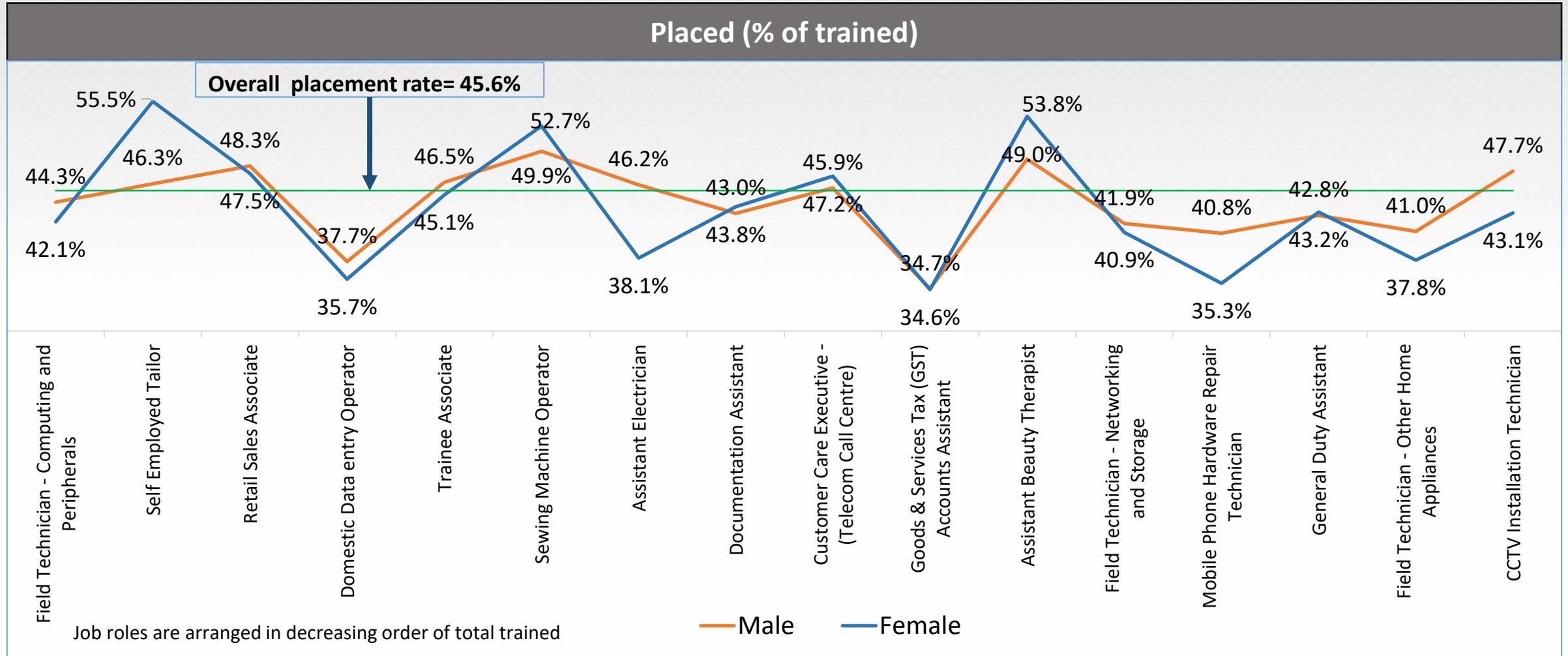
* Job roles with more than 1.5% of total trained candidates are considered and these 16 job roles accounts for 58% of total trained and 59% of total placed candidates

The highest failure rate, both for male and female, is observed in technical job roles (Domestic Data Entry Operator, GST Accounts Assistant, and Field Technician - Other Home Appliances)



* Job roles with more than 1.5% of total trained candidates are considered and these 16 job roles accounts for 58% of total trained and 59% of total placed candidates

Female dominated job roles (Self Employed Tailor, Sewing Machine Operator, Assistant Beauty Therapist) have placement rates for females that are both above the overall rate and higher than the rate for males

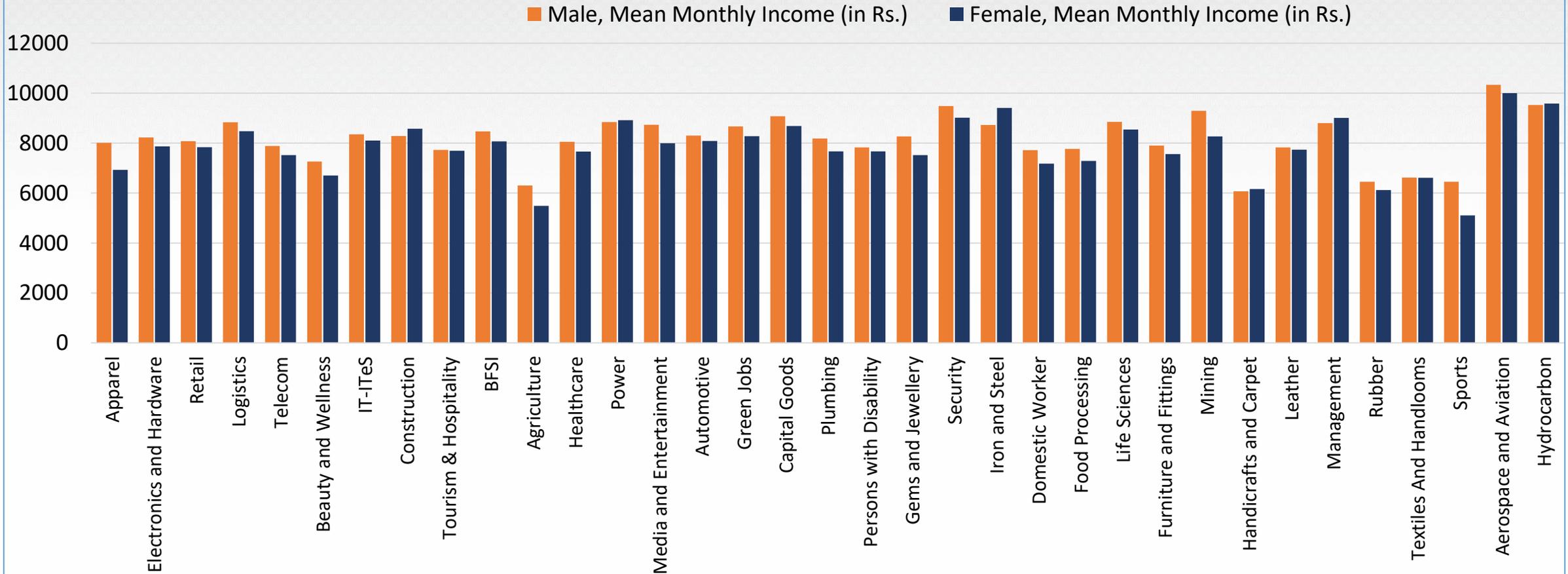


* Job roles with more than 1.5% of total trained candidates are considered and these 16 job roles accounts for 58% of total trained and 59% of total placed candidates

Income analysis

In most sectors (except Iron and Steel, Construction, Management, Power, Handicrafts and Carpet, Hydrocarbon), mean monthly income of females is lower than that of males. Highest difference in income is observed in Sports, Apparel and Mining.

Mean monthly income by gender and sector

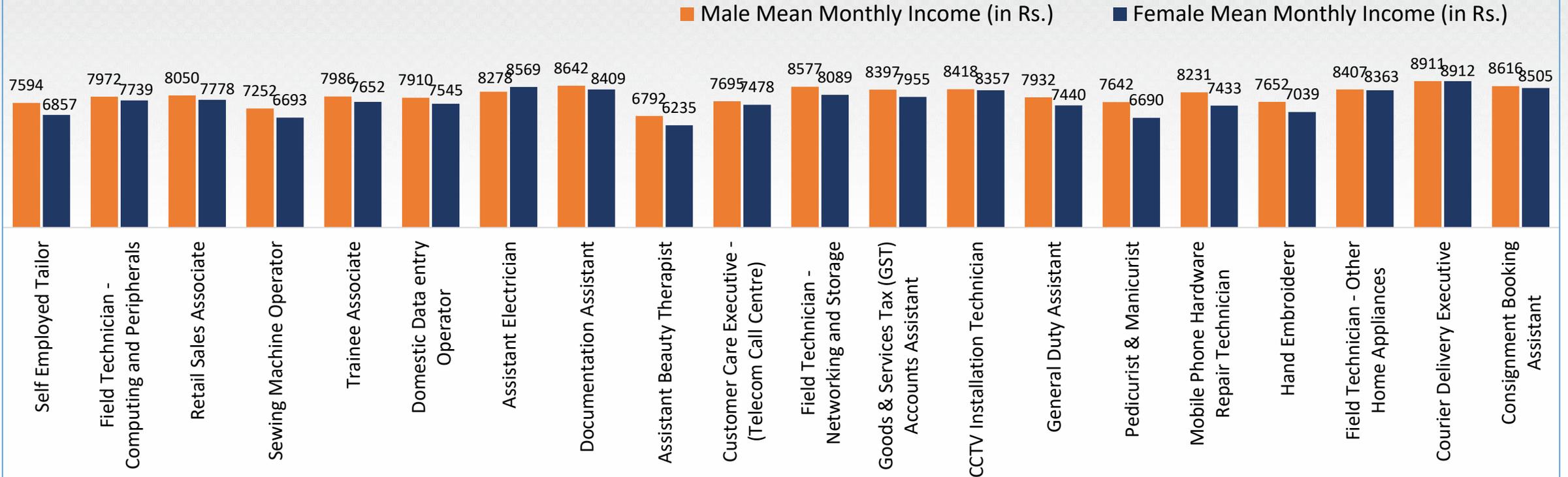


Sectors are arranged in decreasing order of placements (considering only those who reported income level)

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In 15 of the top 20 job roles, which account for 65% of placements, average monthly income of females is lower than that of males

Mean monthly income in top 20 job roles



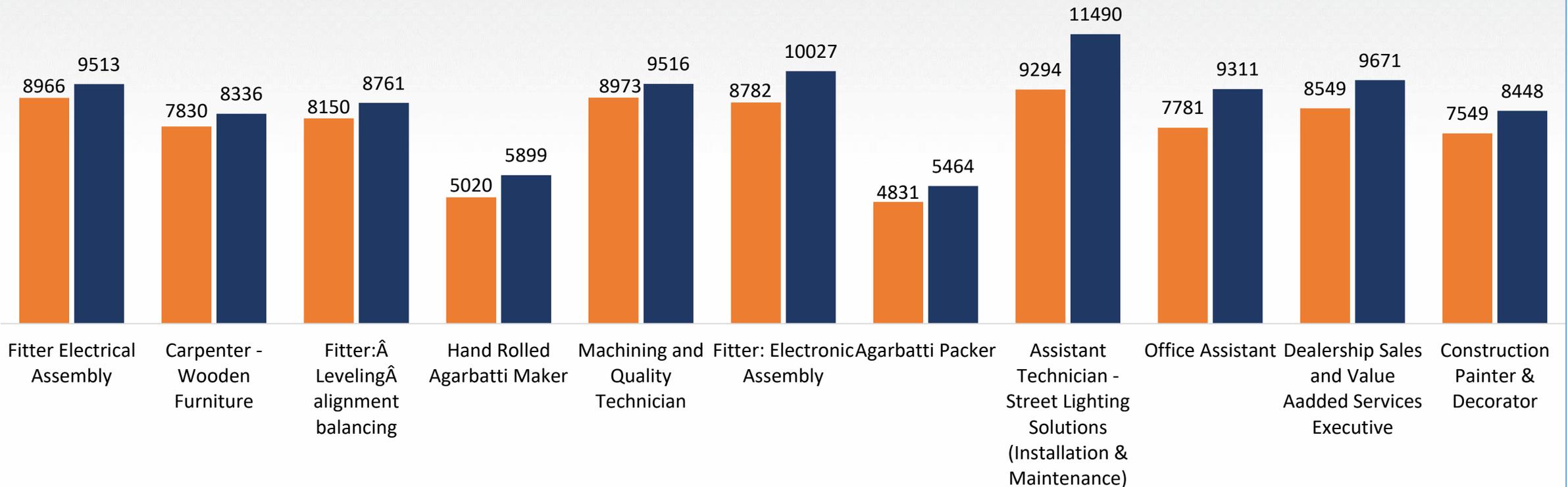
Job roles are arranged in decreasing order of placements (considering only those who reported income level)

In job roles such as Self Employed Tailor, Sewing Machine Operator, Pedicurist & Manicurist, which are dominated by females, mean monthly income of females is lower than that of males. However, in job roles such as Assistant Electrician, Field Technician-Computing and Peripherals, CCTV Installation Technicians, Courier Delivery Executive, Field Technician-Other Home Appliances, which are dominated by males, mean monthly income of females is either equivalent or slightly higher than that of males. This could indicate a possible supply-demand mismatch.

Although average monthly income of females is lower than that of males overall, there are 11 job roles (with at least 500 placements) in which it is higher by more than Rs 500

Female mean monthly income > Male mean monthly income

Male, Mean Monthly Income (in Rs.) Female, Mean Monthly Income (in Rs.)



Job roles are arranged in decreasing order of placements (considering only those who reported income level)

These 11 job roles constitute only a small share (1.3%) of placements, though each of them individually has at least 500 placements

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Thank You

Annexure

Number of candidates, by age group

Age group	Enrolled	Trained	Assessed	Certified	Placed	NAA	Dropout	Failed
14-18	109858	107634	95502	84073	35530	3951	2224	10479
19-21	820844	808059	737813	653062	342031	39621	12785	80839
22-25	1388149	1366640	1262486	1125850	633320	79339	21509	133827
26-30	633492	623190	573990	516475	294670	37505	10302	56316
31-35	256682	252591	233602	213381	122820	13215	4091	19636
36-40	128832	126769	118251	109403	64091	5959	2063	8590
41 & above	79882	78393	73013	67313	39856	3802	1489	5506
Overall	3417739	3363276	3094657	2769557	1532318	183392	54463	315193

Number of candidates, by age group and gender

Age group	Female								Male							
	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed
14-18	50625	49687	44682	40245	17065	938	1741	4128	59233	57947	50820	43828	18465	1286	2210	6351
19-21	373300	368105	340741	307374	158564	5195	14867	31776	447544	439954	397072	345688	183467	7590	24754	49063
22-25	642420	633410	591974	536621	299385	9010	30649	54045	745729	733230	670512	589229	333935	12499	48690	79782
26-30	320857	316100	294333	269916	154181	4757	15765	23771	312635	307090	279657	246559	140489	5545	21740	32545
31-35	167292	164790	154034	142948	83387	2502	7042	10696	89390	87801	79568	70433	39433	1589	6173	8940
36-40	94649	93226	87702	82004	49021	1423	3728	5508	34183	33543	30549	27399	15070	640	2231	3082
41 & above	56319	55358	52023	48436	29523	961	2325	3452	23563	23035	20990	18877	10333	528	1477	2054

Number of candidates, by education level



Education Level	Enrolled	Dropout	Trained	Assessed	NAA	Failed	Certified	Placed
No Education	5564	123	5441	5123	264	391	4711	3193
5th to 8th	239490	3895	235595	218463	12093	15772	202215	119695
9th to 10th	955600	16407	939193	864386	50668	81815	780118	431244
11th to 12th	1710485	26448	1684037	1548357	89321	164972	1377519	751646
Graduate	420321	6131	414190	381019	25658	44501	335705	187148
Post-Graduate & above	23780	382	23398	21504	1423	2219	19229	10972
Diploma/ITI/Polytechnic/Other	62499	1077	61422	55805	3965	5523	50060	28420
Overall	3417739	54463	3363276	3094657	183392	315193	2769557	1532318

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Number of candidates, by education level and gender

Education Level	Female								Male							
	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed
11th to 12th	805941	794114	738290	668111	363214	11827	35554	67507	904544	889923	810067	709408	388432	14621	53767	97465
5th to 8th	182996	180316	169075	158434	94308	2680	7482	10380	56494	55279	49388	43781	25387	1215	4611	5392
9th to 10th	475203	468202	437256	403915	224358	7001	20402	32216	480397	470991	427130	376203	206886	9406	30266	49599
Diploma/ITI/Polytechnic/Other	13591	13386	12396	11111	6125	205	641	1236	48908	48036	43409	38949	22295	872	3324	4287
Graduate	207761	205015	190178	169295	93268	2746	11052	20473	212560	209175	190841	166410	93880	3385	14606	24028
No Education	4216	4119	3895	3595	2415	97	183	281	1348	1322	1228	1116	778	26	81	110
Post-Graduate & above	15754	15524	14399	13083	7438	230	803	1283	8026	7874	7105	6146	3534	152	620	936

Number of candidates, by state

TC State	Enrolled	Dropout	Trained	Assessed	NAA	Failed	Certified	Placed
Uttar Pradesh	555267	8867	546400	501904	29488	55382	444671	238889
Madhya Pradesh	329908	3016	326892	303805	16126	33603	269049	151082
Rajasthan	289232	4749	284483	270614	10700	21051	248984	135793
Haryana	251338	4173	247165	231719	11962	19443	211968	129542
Bihar	198405	3414	194991	179495	10057	22742	156120	82579
West Bengal	175105	826	174279	157896	11853	16710	140641	81669
Punjab	167789	3096	164693	156815	4875	12966	143496	77947
Tamil Nadu	166886	3677	163209	148571	11151	13254	134625	91400
Telangana	130042	3028	127014	119929	5756	10401	109203	70763
Delhi	127431	3646	123785	113253	8239	8958	104250	53777
Maharashtra	125476	2401	123075	110922	8194	14176	96236	47738
Odisha	113235	2356	110879	101356	6858	11198	89829	49600
Andhra Pradesh	107956	1668	106288	99422	4104	8918	90166	58742
Karnataka	96957	1356	95601	87439	5770	9205	77839	39482
Jammu and Kashmir	88391	1368	87023	80085	3598	7930	72151	40256
Gujarat	80736	1689	79047	71846	4411	7198	64372	33955
Assam	77373	1481	75892	65005	7009	8139	56543	26430
Chhattisgarh	66796	309	66487	60416	4376	7805	52417	19774
Uttarakhand	63257	461	62796	54379	5236	6728	47536	27385
Jharkhand	54042	471	53571	47565	3198	5682	41739	19712
Kerala	45571	718	44853	40074	4212	4106	35753	15897
Himachal Pradesh	41051	679	40372	36146	2054	3147	32833	15721
Tripura	13063	86	12977	11266	1074	1346	9761	5560
Manipur	9731	293	9438	7067	696	1315	5697	2435
Meghalaya	9395	295	9100	8193	374	922	7246	3648
Chandigarh	6272	20	6252	5830	362	708	5118	2228
Puducherry	5637	32	5605	4917	249	392	4499	3001
Arunachal Pradesh	5314	70	5244	4978	86	410	4522	1918
Nagaland	4685	40	4645	3737	673	376	3312	1369
Mizoram	3940	139	3801	3306	74	364	2942	811
Sikkim	3091	39	3052	2817	115	276	2513	823
Daman and Diu	1485		1485	1465	20	163	1302	947
Goa	1292		1292	924	353	65	837	660
Dadra and Nagar Haveli	1110		1110	1030	80	108	922	661
Andaman and Nicobar Island	480		480	471	9	6	465	124

Number of candidates, by state and gender



TC State	Female								Male							
	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed
Uttar Pradesh	238971	235073	218211	197832	101961	3898	10650	19518	316296	311327	283693	246839	136928	4969	18838	35864
Madhya Pradesh	162637	161140	151710	137418	76632	1497	6393	13899	167271	165752	152095	131631	74450	1519	9733	19704
Rajasthan	123380	121746	116750	109157	59090	1634	3673	7441	165852	162737	153864	139827	76703	3115	7027	13610
Haryana	123146	121241	115154	107193	66200	1905	4621	7840	128192	125924	116565	104775	63342	2268	7341	11603
Bihar	73233	72151	66988	59632	31266	1082	2951	7157	125172	122840	112507	96488	51313	2332	7106	15585
West Bengal	80947	80527	74101	67327	39132	420	4567	6544	94158	93752	83795	73314	42537	406	7286	10166
Punjab	98075	96920	93375	87044	48238	1155	2120	6150	69714	67773	63440	56452	29709	1941	2755	6816
Tamil Nadu	120177	117374	108564	99935	70824	2803	6451	8180	46709	45835	40007	34690	20576	874	4700	5074
Telangana	69479	68238	65342	60189	39475	1241	2141	4946	60563	58776	54587	49014	31288	1787	3615	5455
Delhi	78057	76022	70251	65455	33932	2035	4610	4782	49374	47763	43002	38795	19845	1611	3629	4176
Maharashtra	57476	56553	51847	46165	22536	923	3143	5528	68000	66522	59075	50071	25202	1478	5051	8648
Odisha	52695	51655	47901	42918	23765	1040	2517	4856	60540	59224	53455	46911	25835	1316	4341	6342
Andhra Pradesh	50827	50037	47743	43912	28112	790	1510	3671	57129	56251	51679	46254	30630	878	2594	5247
Karnataka	47961	47472	43918	39380	19502	489	2486	4310	48996	48129	43521	38459	19980	867	3284	4895
Jammu and Kashmir	50925	50339	46778	42832	24928	586	1751	3945	37466	36684	33307	29319	15328	782	1847	3985
Gujarat	40975	40304	37610	34290	17807	671	1505	3159	39761	38743	34236	30082	16148	1018	2906	4039
Assam	45125	44372	38603	34261	16032	753	3835	4199	32248	31520	26402	22282	10398	728	3174	3940
Chhattisgarh	35429	35311	32623	28599	10328	118	1846	3875	31367	31176	27793	23818	9446	191	2530	3930
Uttarakhand	38655	38414	34255	30454	17130	241	2952	3692	24602	24382	20124	17082	10255	220	2284	3036
Jharkhand	28212	27969	25205	22624	10636	243	1338	2500	25830	25602	22360	19115	9076	228	1860	3182
Kerala	23336	23012	20950	18925	8186	324	1839	1956	22235	21841	19124	16828	7711	394	2373	2150
Himachal Pradesh	25269	24933	22956	21177	10298	336	912	1700	15782	15439	13190	11656	5423	343	1142	1447
Tripura	8150	8077	7071	6299	3519	73	570	652	4913	4900	4195	3462	2041	13	504	694
Manipur	5967	5784	4140	3351	1325	183	448	734	3764	3654	2927	2346	1110	110	248	581
Meghalaya	5864	5681	5263	4737	2496	183	164	501	3531	3419	2930	2509	1152	112	210	421
Chandigarh	3806	3804	3551	3099	1381	2	194	451	2466	2448	2279	2019	847	18	168	257
Puducherry	3583	3567	3194	2931	2047	16	111	244	2054	2038	1723	1568	954	16	138	148
Arunachal Pradesh	3555	3519	3390	3126	1224	36	40	235	1759	1725	1588	1396	694	34	46	175
Nagaland	3123	3105	2543	2310	992	18	433	212	1562	1540	1194	1002	377	22	240	164
Mizoram	2161	2080	1662	1484	375	81	24	178	1779	1721	1644	1458	436	58	50	186
Sikkim	1803	1793	1624	1450	420	10	84	154	1288	1259	1193	1063	403	29	31	122
Daman and Diu	796	796	790	704	492		6	86	689	689	675	598	455		14	77
Goa	694	694	496	460	342		189	25	598	598	428	377	318		164	40
Dadra and Nagar Haveli	594	594	558	504	390		36	54	516	516	472	418	271		44	54
Andaman and Nicobar Island	379	379	372	370	113		7	2	101	101	99	95	11		2	4

Number of candidates, by sector

Sector	Enrolled	Dropout	Trained	Assessed	NAA	Failed	Certified	Placed
Electronics and Hardware	661064	10361	650703	596478	35195	68663	525543	280871
Apparel	545126	7482	537644	504398	20581	25421	478018	287198
Retail	307706	4239	303467	284747	14141	26717	257556	142083
Logistics	278705	5123	273582	258336	11045	26601	230368	124031
Telecom	223173	3129	220044	205135	13257	28021	176599	103248
IT-ITeS	214429	3920	210509	187730	11218	36689	150440	77969
Beauty and Wellness	202356	2890	199466	182524	10559	9769	171728	98875
Construction	121031	1879	119152	104802	9938	11113	93328	53956
BFSI	115692	1601	114091	105096	7534	19237	85829	41637
Tourism & Hospitality	101727	1602	100125	86518	10849	8401	77759	45884
Healthcare	95553	1610	93943	84919	5565	7268	76932	39509
Agriculture	80409	654	79755	74257	5147	6313	67861	40487
Power	62485	794	61691	58303	1825	4848	53072	29221
Media and Entertainment	49646	677	48969	47206	1059	2859	44299	22570
Automotive	48851	984	47867	42099	3138	4226	37623	21338
Capital Goods	40658	1349	39309	31498	4634	8137	23212	12374
Persons with Disability	37991	2061	35930	32976	1824	2872	29859	11200
Green Jobs	32148	586	31562	28901	1833	1411	27490	14613
Plumbing	27947	647	27300	24567	1984	2576	21959	11656
Gems and Jewellery	26298	601	25697	23703	1934	2362	21341	9738
Iron and Steel	21919	360	21559	19786	1098	937	18849	8891
Security	21298	388	20910	18724	2186	1992	16732	9466
Life Sciences	20324	212	20112	17089	2792	2968	14121	6247
Mining	14791	50	14741	13918	763	1747	12151	5259
Food Processing	12614	445	12169	11050	832	827	10223	6413
Domestic Worker	12238	87	12151	11302	579	457	10845	7127
Furniture and Fittings	8917	77	8840	8395	445	271	8124	5522
Handicrafts and Carpet	8529	75	8454	8104	265	345	7745	4083
Leather	7663	28	7635	7317	228	359	6958	3823
Management	7489	145	7344	6745	542	1256	5489	3044
Sports	2504	74	2430	2296	134	247	2049	785
Textiles And Handlooms	2269	257	2012	1960	52	25	1935	1112
Rubber	1676		1676	1509	167	114	1395	1165
Aerospace and Aviation	1315	65	1250	1117	14	60	1057	648
Infrastructure Equipment	1074	7	1067	1033	34	75	958	200
Hydrocarbon	124	4	120	119	1	9	110	75

Number of candidates, by sector and gender

Sector	Female								Male							
	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed
Aerospace and Aviation	573	560	518	483	261	13	3	35	742	690	599	574	387	52	11	25
Agriculture	30162	30033	28032	25662	16485	129	1829	2363	50247	49722	46225	42199	24002	525	3318	3950
Apparel	521231	514264	483329	458610	276018	6967	18829	23872	23895	23380	21069	19408	11180	515	1752	1549
Automotive	5471	5345	4850	4458	2203	126	340	376	43380	42522	37249	33165	19135	858	2798	3850
BFSI	50590	49980	46516	37930	18450	610	3023	8564	65102	64111	58580	47899	23187	991	4511	10673
Beauty and Wellness	198002	195200	178998	168577	97321	2802	10157	9431	4354	4266	3526	3151	1554	88	402	338
Capital Goods	2861	2790	2278	1754	877	71	236	523	37797	36519	29220	21458	11497	1278	4398	7614
Construction	7407	7303	6471	5650	2710	104	597	801	113624	111849	98331	87678	51246	1775	9341	10312
Domestic Worker	8852	8804	8213	7900	5291	48	367	313	3386	3347	3089	2945	1836	39	212	144
Electronics and Hardware	182925	180062	168338	150437	74502	2863	8421	17470	478139	470641	428140	375106	206369	7498	26774	51193
Food Processing	9007	8687	7870	7368	4582	320	571	502	3607	3482	3180	2855	1831	125	261	325
Furniture and Fittings	607	593	578	569	461	14	15	9	8310	8247	7817	7555	5061	63	430	262
Gems and Jewellery	14824	14446	13373	12057	5553	378	1035	1316	11474	11251	10330	9284	4185	223	899	1046
Green Jobs	3938	3758	3372	3242	1508	180	172	130	28210	27804	25529	24248	13105	406	1661	1281
Handicrafts and Carpet	6326	6260	6039	5772	3012	66	178	265	2203	2194	2065	1973	1071	9	87	80
Healthcare	68635	67542	61482	55971	28279	1093	3742	5016	26918	26401	23437	20961	11230	517	1823	2252
Hydrocarbon	62	60	59	54	37	2	1	5	62	60	60	56	38	2		4
IT-ITeS	113118	111261	99844	79667	40456	1857	5419	19797	101311	99248	87886	70773	37513	2063	5799	16892
Infrastructure Equipment									1074	1067	1033	958	200	7	34	75
Iron and Steel	2483	2474	2193	2067	567	9	154	126	19436	19085	17593	16782	8324	351	944	811
Leather	5608	5583	5452	5198	3068	25	109	254	2055	2052	1865	1760	755	3	119	105
Life Sciences	8838	8730	7465	6286	2572	108	1129	1179	11486	11382	9624	7835	3675	104	1663	1789
Logistics	131699	129352	122961	110423	58346	2347	4538	11969	147006	144230	135375	119945	65685	2776	6507	14632
Management	2032	2026	1929	1710	834	6	81	219	5457	5318	4816	3779	2210	139	461	1037
Media and Entertainment	42220	41639	40412	37999	19427	581	678	2369	7426	7330	6794	6300	3143	96	381	490
Mining	1210	1210	1107	960	331		89	147	13581	13531	12811	11191	4928	50	674	1600
Persons with Disability	10728	10176	9234	8337	3019	552	459	803	27263	25754	23742	21522	8181	1509	1365	2069
Plumbing	552	549	477	395	180	3	69	82	27395	26751	24090	21564	11476	644	1915	2494
Power	9091	9031	8532	7673	3311	60	225	748	53394	52660	49771	45399	25910	734	1600	4100
Retail	135676	133973	126601	114928	62077	1703	5359	11447	172030	169494	158146	142628	80006	2536	8782	15270
Rubber	954	954	858	809	682		96	49	722	722	651	586	483		71	65
Security	2576	2526	2345	2124	757	50	181	221	18722	18384	16379	14608	8709	338	2005	1771
Sports	451	448	423	386	252	3	25	37	2053	1982	1873	1663	533	71	109	210
Telecom	85941	84850	80171	69739	39656	1091	4179	10246	137232	135194	124964	106860	63592	2038	9078	17775
Textiles And Handlooms	1335	1296	1274	1255	519	39	22	19	934	716	686	680	593	218	30	6
Tourism & Hospitality	39477	38911	33895	31094	17522	566	3789	2673	62250	61214	52623	46665	28362	1036	7060	5728

Number of candidates, by job role (greater than 1.5% share in trainings)

Job Role	Enrolled	Dropout	Trained	Assessed	NAA	Failed	Certified	Placed
Field Technician - Computing and Peripherals	337254	5825	331429	310037	16811	32597	277046	144218
Self Employed Tailor	328065	4483	323582	308966	9452	12565	296212	178976
Retail Sales Associate	162666	1721	160945	151212	7526	17167	133774	77122
Domestic Data entry Operator	147264	3026	144238	132174	6575	25520	106394	52965
Trainee Associate	121516	2261	119255	112959	5537	5970	106765	54741
Sewing Machine Operator	114460	1778	112682	103566	6133	7254	96037	59160
Assistant Electrician	113645	1717	111928	99122	9032	10218	88543	51177
Documentation Assistant	114065	2197	111868	106445	4638	12847	93389	48559
Customer Care Executive - (Telecom Call Centre)	86537	1290	85247	79006	5791	11904	66879	39592
Goods & Services Tax (GST) Accounts Assistant	79271	1147	78124	72942	4861	13744	59168	27061
Assistant Beauty Therapist	76414	909	75505	70351	4428	3007	67120	40586
Field Technician - Networking and Storage	72901	1353	71548	67186	3296	7309	59770	29709
Mobile Phone Hardware Repair Technician	62813	785	62028	54828	3956	7096	47373	24852
General Duty Assistant	61169	940	60229	55480	3697	4711	50584	25943
Field Technician - Other Home Appliances	59170	853	58317	50930	3812	8460	41932	23675
CCTV Installation Technician	56395	665	55730	49159	3136	5848	42891	26196

Number of candidates, by job role (greater than 1.5% share in trainings) and gender

Jobrole	Female								Male							
	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed	Enrolled	Trained	Assessed	Certified	Placed	Dropout	NAA	Failed
Field Technician - Computing and Peripherals	118178	116127	109727	98756	48873	2051	4945	10842	219076	215302	200310	178290	95345	3774	11866	21755
Self Employed Tailor	322917	318553	304259	291818	176647	4364	9211	12252	5148	5029	4707	4394	2329	119	241	313
Retail Sales Associate	74326	73626	69705	62056	34952	700	2923	7517	88340	87319	81507	71718	42170	1021	4603	9650
Domestic Data entry Operator	73408	72107	66428	52906	25774	1301	3119	13381	73856	72131	65746	53488	27191	1725	3456	12139
Trainee Associate	49567	48777	46350	43949	21989	790	2040	2316	71949	70478	66609	62816	32752	1471	3497	3654
Sewing Machine Operator	105564	103929	95794	88986	54791	1635	5312	6593	8896	8753	7772	7051	4369	143	821	661
Assistant Electrician	6740	6637	5943	5267	2527	103	477	656	106905	105291	93179	83276	48650	1614	8555	9562
Documentation Assistant	59408	58139	55517	48905	25443	1269	2199	6499	54657	53729	50928	44484	23116	928	2439	6348
Customer Care Executive - (Telecom Call Centre)	38842	38237	35917	30895	18031	605	2091	4923	47695	47010	43089	35984	21561	685	3700	6981
Goods & Services Tax (GST) Accounts Assistant	32836	32448	30402	24355	11223	388	1937	6025	46435	45676	42540	34813	15838	759	2924	7719
Assistant Beauty Therapist	75566	74669	69599	66426	40176	897	4351	2954	848	836	752	694	410	12	77	53
Field Technician - Networking and Storage	29055	28579	26839	24110	11698	476	1216	2680	43846	42969	40347	35660	18011	877	2080	4629
Mobile Phone Hardware Repair Technician	8608	8512	7659	6560	3003	96	571	1058	54205	53516	47169	40813	21849	689	3385	6038
General Duty Assistant	45070	44391	41082	37683	19163	679	2574	3280	16099	15838	14398	12901	6780	261	1123	1431
Field Technician - Other Home Appliances	7975	7921	7062	5934	2998	54	598	1014	51195	50396	43868	35998	20677	799	3214	7446
CCTV Installation Technician	8629	8535	7676	6719	3677	94	471	905	47766	47195	41483	36172	22519	571	2665	4943

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Mean monthly income, by sector and gender

Sector	Female, Mean Monthly Income (in Rs.)	Male, Mean Monthly Income (in Rs.)
Apparel	6927	8009
Electronics and Hardware	7867	8225
Retail	7834	8079
Logistics	8476	8834
Telecom	7521	7882
Beauty and Wellness	6700	7262
IT-ITeS	8098	8347
Construction	8574	8284
Tourism & Hospitality	7695	7725
BFSI	8070	8467
Agriculture	5489	6304
Healthcare	7664	8050
Power	8920	8839
Media and Entertainment	7991	8735
Automotive	8083	8299
Green Jobs	8276	8670
Capital Goods	8685	9073
Plumbing	7669	8188
Persons with Disability	7667	7825
Gems and Jewellery	7523	8269
Security	9013	9486
Iron and Steel	9412	8722
Domestic Worker	7176	7715
Food Processing	7285	7765
Life Sciences	8540	8852
Furniture and Fittings	7558	7901
Mining	8272	9296
Handicrafts and Carpet	6161	6071
Leather	7734	7826
Management	9005	8804
Rubber	6117	6454
Textiles And Handlooms	6611	6622
Sports	5101	6453
Aerospace and Aviation	10002	10336
Hydrocarbon	9581	9526
Infrastructure Equipment	NA	8885

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Mean monthly income, by job role (top 20 job roles w.r.t placements) and gender

Job Role	Female Mean Monthly Income (in Rs.)	Male Mean Monthly Income (in Rs.)
Self Employed Tailor	6857	7594
Field Technician - Computing and Peripherals	7739	7972
Retail Sales Associate	7778	8050
Sewing Machine Operator	6693	7252
Trainee Associate	7652	7986
Domestic Data entry Operator	7545	7910
Assistant Electrician	8569	8278
Documentation Assistant	8409	8642
Assistant Beauty Therapist	6235	6792
Customer Care Executive - (Telecom Call Centre)	7478	7695
Field Technician - Networking and Storage	8089	8577
Goods & Services Tax (GST) Accounts Assistant	7955	8397
CCTV Installation Technician	8357	8418
General Duty Assistant	7440	7932
Pedicurist & Manicurist	6690	7642
Mobile Phone Hardware Repair Technician	7433	8231
Hand Embroiderer	7039	7652
Field Technician - Other Home Appliances	8363	8407
Courier Delivery Executive	8912	8911
Consignment Booking Assistant	8505	8616

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Mean monthly income by job role (with more than 500 placements and income of females higher than that of males by Rs. 500) and gender

Job Role	Female, Mean Monthly Income (in Rs.)	Male, Mean Monthly Income (in Rs.)
Fitter Electrical Assembly	9513	8966
Carpenter - Wooden Furniture	8336	7830
Fitter: Leveling alignment balancing	8761	8150
Hand Rolled Agarbatti Maker	5899	5020
Machining and Quality Technician	9516	8973
Fitter: Electronic Assembly	10027	8782
Agarbatti Packer	5464	4831
Assistant Technician - Street Lighting Solutions (Installation & Maintenance)	11490	9294
Office Assistant	9311	7781
Dealership Sales and Value Added Services Executive	9671	8549
Construction Painter & Decorator	8448	7549



Transforming the skill landscape

301, 3rd Floor, West Wing, World Mark 1, Asset 11, Aerocity, New Delhi – 110037

Tel: +91-11-47451600-10 | Fax: +91-11-46560417

Website: www.nsdcindia.org

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About National Skill Development Corporation (NSDC): National Skill Development Corporation, working under the aegis of Ministry of Skill Development & Entrepreneurship, is a unique public-private-partnership which aims to catalyze creation of quality vocational training ecosystem in India. The organisation provides funding to build scalable and profitable vocational training initiatives. Its mandate is also to enable support system which focuses on quality assurance, information systems and train-the-trainer academies either directly or through partnerships. Since establishment in 2009, NSDC has trained more than 2 crore people through its partnership with 600+ training partners, wide a robust network of 11,000+ training centers spread over 600 districts across the country. NSDC has institutionalized 37 Sector Skill Councils and is also implementing Government's flagship skill development schemes such as Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Pradhan Mantri Kaushal Kendra (PMKK), National Apprenticeship Promotion Scheme (NAPS), among others.

CONTACT US

NSDC's Skills Intelligence Platform at skillsip@nsdcindia.org

