Profiles of Trainers in STT

Analysis on profile of Trainers based on data from Skill India Portal as on 31st March 2020

AN OVERVIEW

Key Highlights:

- *65% of certified trainers are concentrated in 10 sectors, with maximum number from Electronics, Apparel and Logistics*
- *45% certified trainers are below 30 years indicating young professionals entering into the training space.*
- *40% of certified trainers have completed their graduation and 5% of Trainers are flowing in from ITI/ Polytechnic.*
- *70% of certified trainers have industry experience ranging from 0 – 5 years.*
  - *Average industry experience of certified Trainers across Sectors is 4.9 years and 3.08 years is the median value.*
- *80% of certified trainers have training experience ranging from 0 – 5 years.*
  - *Average training experience of certified Trainers across Sectors is 3.84 years and 2.17 years is the median value.*
- *34% of the total certified Trainers are females.*
- *65% of certified trainers are concentrated in 10 states, with maximum number from UP, Maharashtra and MP. Overall, the North Zone has maximum coverage of certified Trainers.*

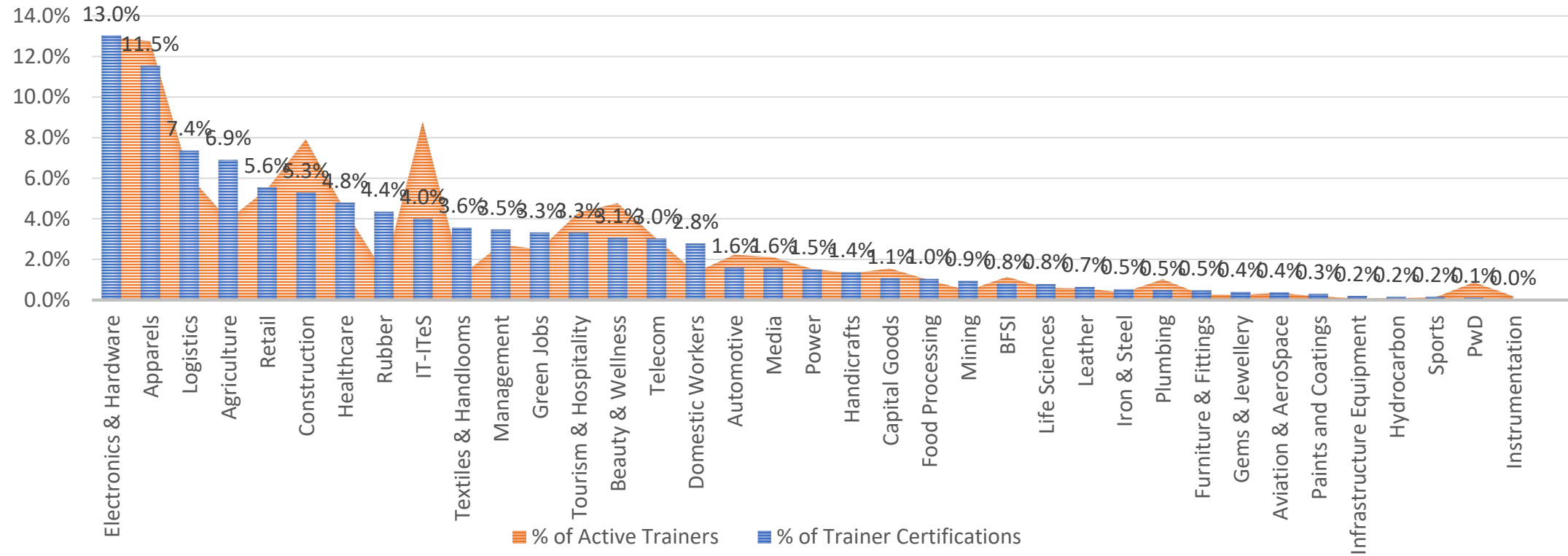| 1,46,755 Registered Trainers on SIP	33,663 Certified Trainers (22.71% certified out of registered Trainers)	25,718 Active Trainers in 98,899 batches on SIP (17% active out of registered Trainers)

Glossary:
- ***Registered Trainers****: Data of Trainers who have registered their profiles on SIP.*
- ***Certified Trainers:*** *Data of Trainers who have been certified through ToT program and have certificates on SIP*
- ***Active Trainers:*** *Data of Trainers assigned to at least one batch out of 98,899 batches (may or may not be certified) includes both PMKVY (since January 2019 on SIP) and fee-based batches available on SIP*

SECTORAL SPREAD

SECTOR-WISE TRAINER CERTIFICATIONS

Electronics & Hardware 13.0%, Apparels 11.5%, Logistics 7.4%, Agriculture 6.9%, Retail 5.6%, Construction 5.3%, Healthcare 4.8%, Rubber 4.4%, IT-ITeS 4.0%, Textiles & Handlooms 3.6%, Management 3.5%, Green Jobs 3.3%, Tourism & Hospitality 3.3%, Beauty & Wellness 3.1%, Telecom 3.0%, Domestic Workers 2.8%, Automotive 1.6%, Media 1.6%, Power 1.5%, Handicrafts 1.4%, Capital Goods 1.1%, Food Processing 1.0%, Mining 0.9%, BFSI 0.8%, Life Sciences 0.8%, Leather 0.7%, Iron & Steel 0.5%, Plumbing 0.5%, Furniture & Fittings 0.5%, Gems & Jewellery 0.4%, Aviation & AeroSpace 0.4%, Paints and Coatings 0.3%, Infrastructure Equipment 0.2%, Hydrocarbon 0.2%, Sports 0.2%, PwD 0.1%, Instrumentation 0.0%

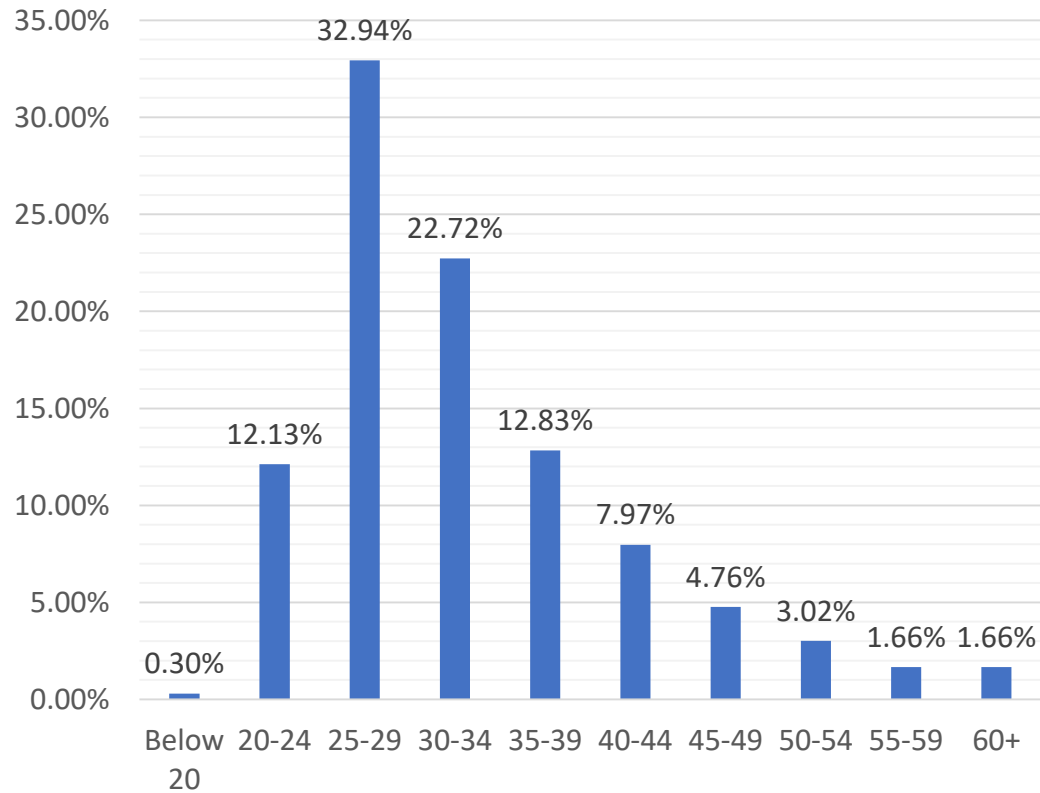■ % of Active Trainers   ■ % of Trainer Certifications

- *Electronics and Apparel together make up 25% of all Trainer Certifications.*
- *Sectors with higher activity of batches running under PMKVY and fee-based schemes have a higher count of trainer certifications.*
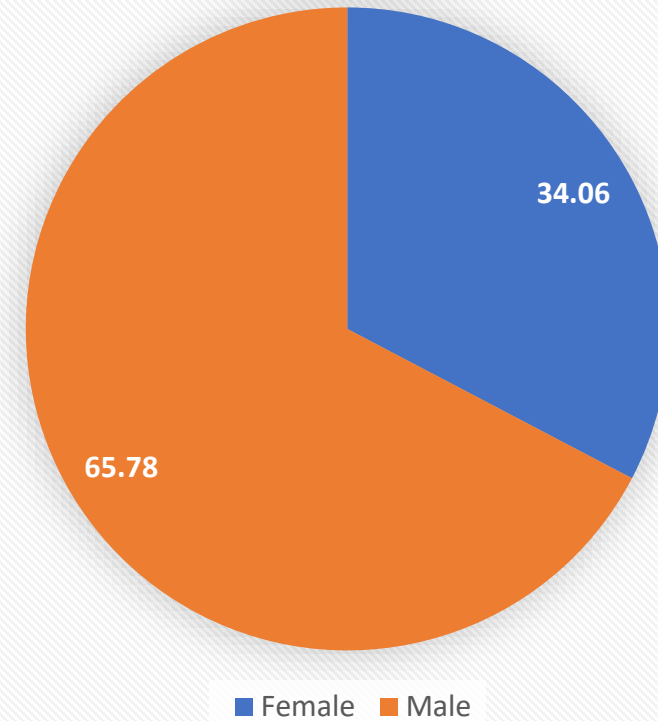
AGE AND GENDER

- *Age-wise analysis of certified Trainers indicate young professionals entering into the training space.*
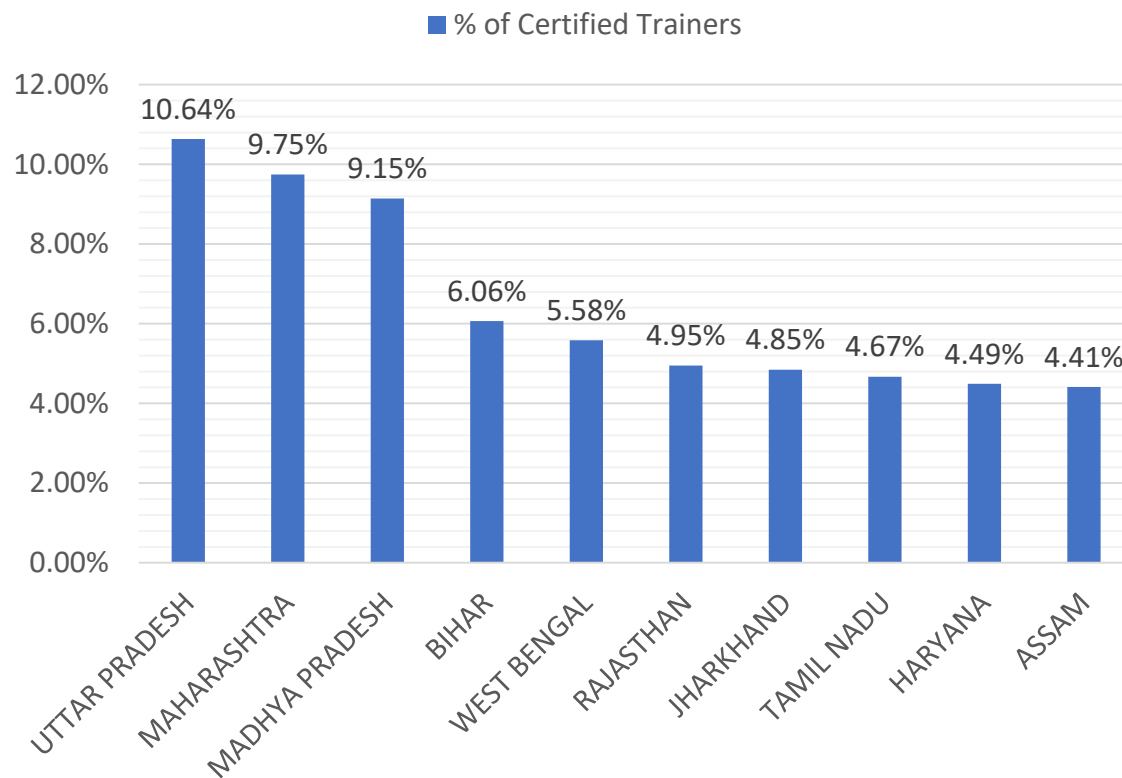- *34% women certified Trainers*

Age-wise range of certified trainers

Age range	Percentage
Below 20	0.30%
20-24	12.13%
25-29	32.94%
30-34	22.72%
35-39	12.83%
40-44	7.97%
45-49	4.76%
50-54	3.02%
55-59	1.66%
60+	1.66%

Gender distribution of certified trainers
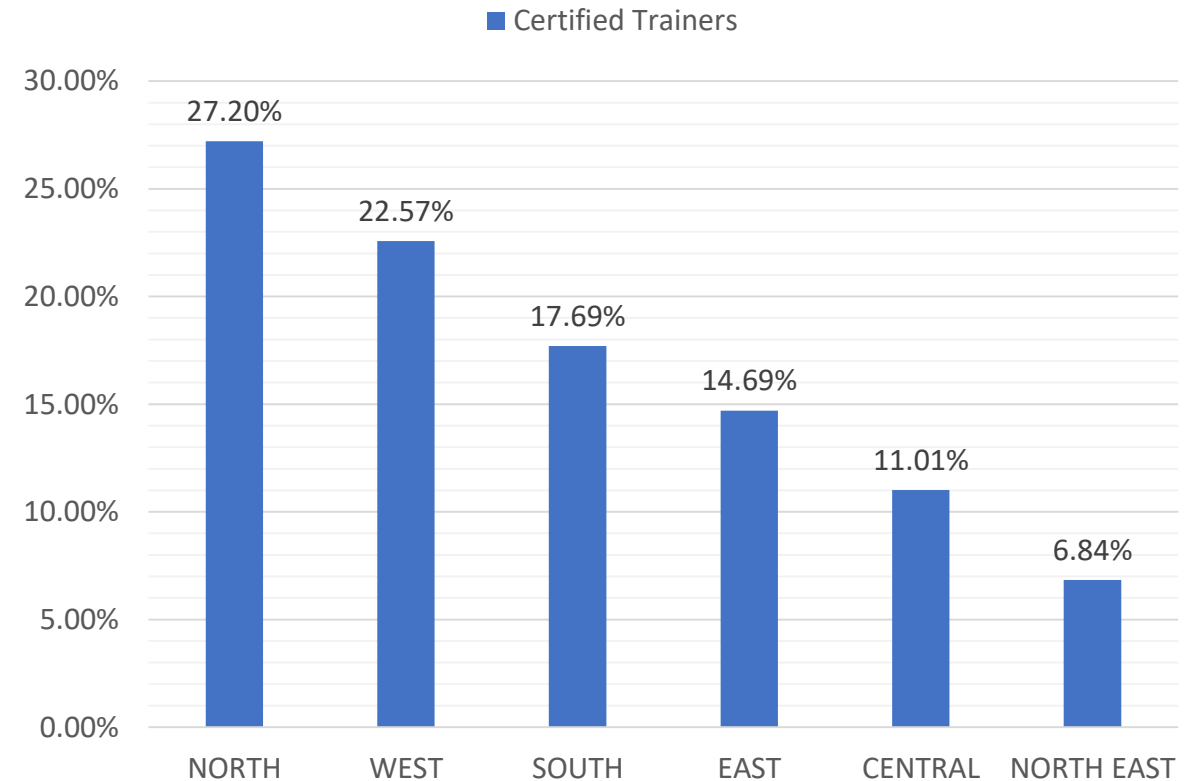
Female: 34.06
Male: 65.78

GOEGRAPHICAL SPREAD

- *65% of certified trainers are concentrated in 10 states, with maximum number from UP, Maharashtra and MP.*
- *Lowest percentage of certified Trainers are from North East states (6.8%)*
- *Overall, the North Zone has maximum coverage of certified Trainers across zones*
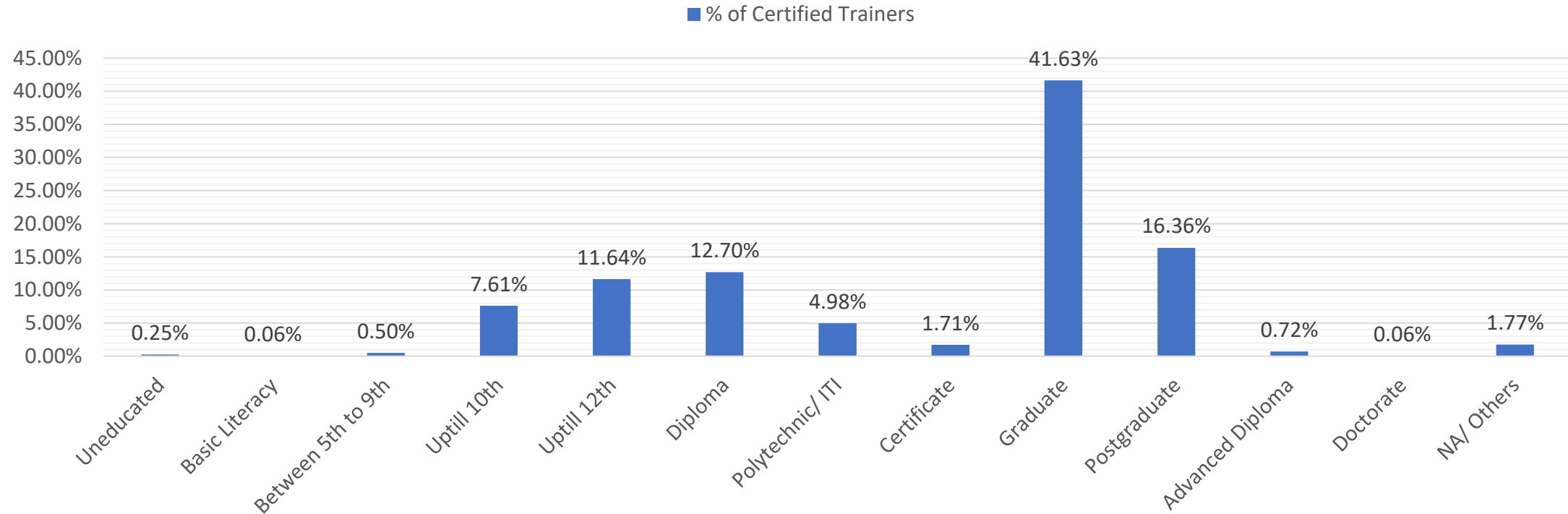

Top 10 States of Trainers

■ % of Certified Trainers

Zone-wise Spread of Trainers

■ Certified Trainers

Refer Annexure 1 – State and zone-wise distribution of registered and certified Trainers for comparison

EDUCATION QUALIFICATION

NSDC
National
Skill Development
Corporation

Education Qualification of Certified Trainers

■ % of Certified Trainers

Bar chart showing % of Certified Trainers by education qualification:
- Uneducated: 0.25%
- Basic Literacy: 0.06%
- Between 5th to 9th: 0.50%
- Uptill 10th: 7.61%
- Uptill 12th: 11.64%
- Diploma: 12.70%
- Polytechnic/ ITI: 4.98%
- Certificate: 1.71%
- Graduate: 41.63%
- Postgraduate: 16.36%
- Advanced Diploma: 0.72%
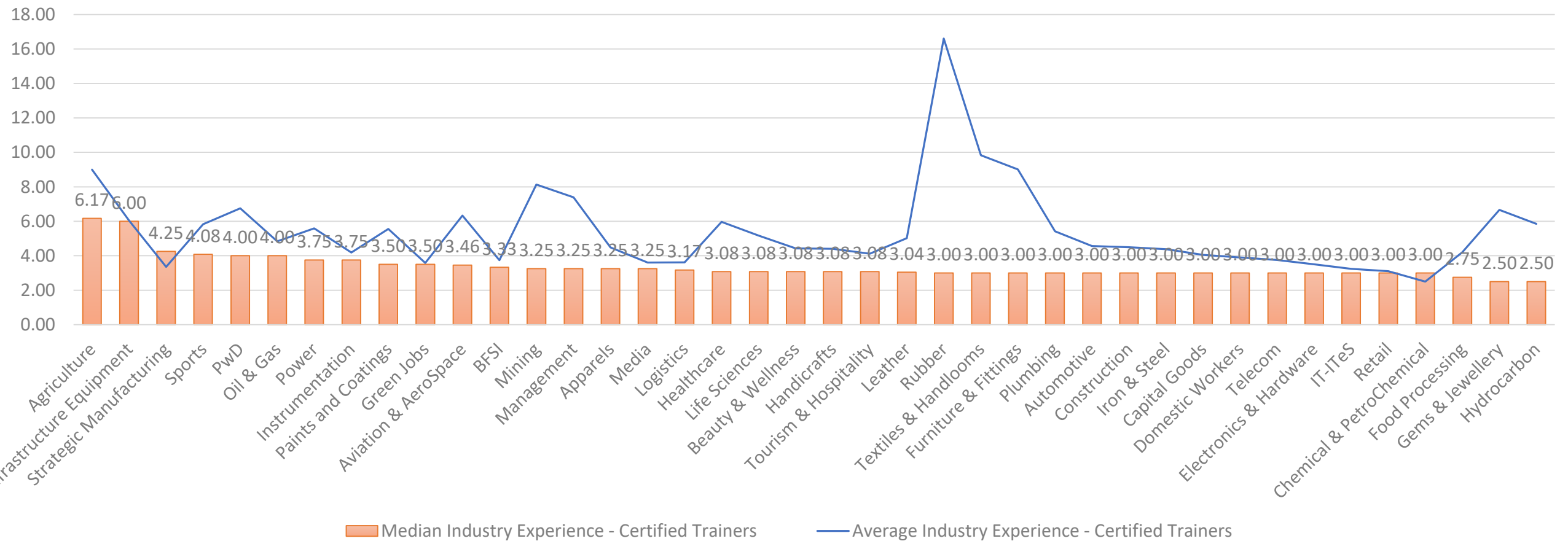- Doctorate: 0.06%
- NA/ Others: 1.77%

- *57% of certified Trainers are Graduates and Post-Graduates*
- *Over 40% of all Certified Trainers have completed their graduation.*
- *5% of certified Trainers are flowing in from ITI/ Polytechnic courses.*

Refer Annexure 2 - Table on break-up of certified Trainers with education qualification

INDUSTRY EXPERIENCE – SECTOR WISE

- *The Median Industry Experience of all Certified Trainers is 3.08 Years; The Average Industry Experience across Sectors is 4.9 Years*

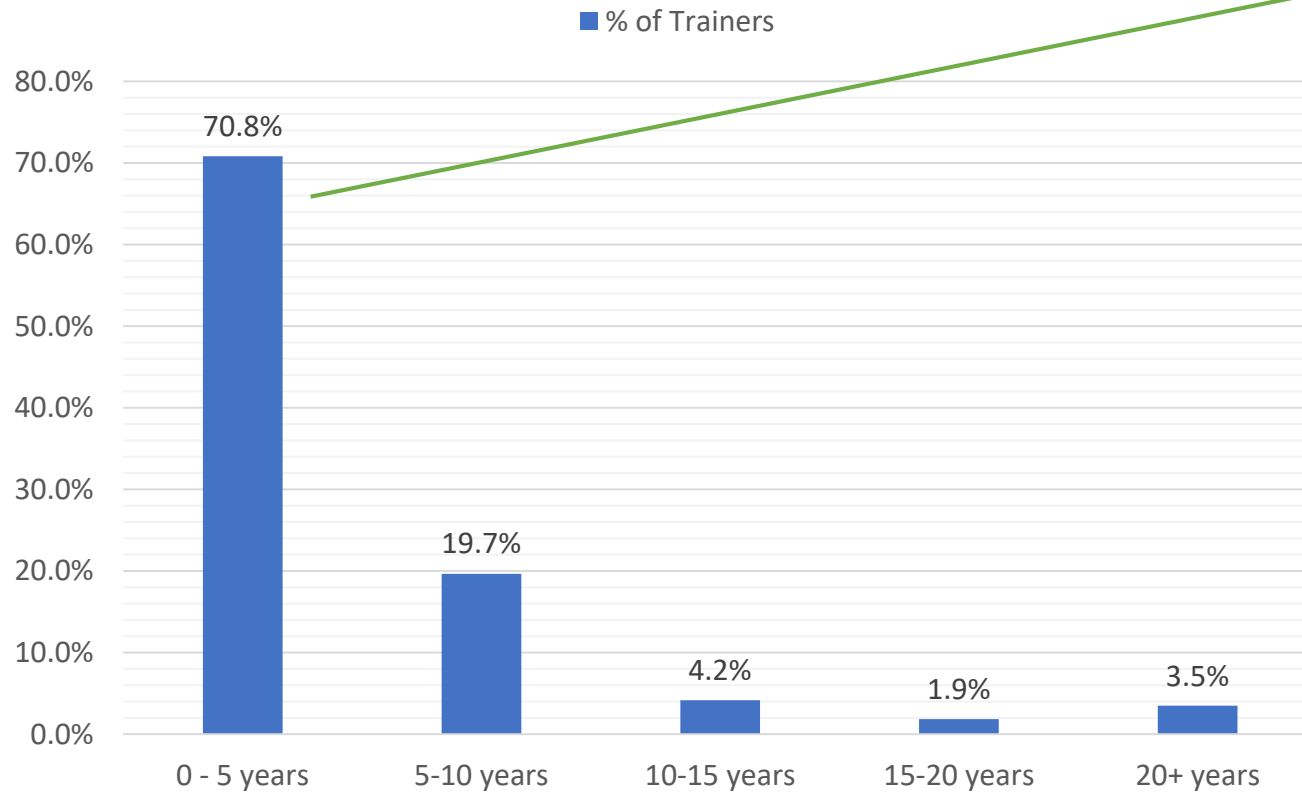Sector-wise Industry Experience of Certified Trainers (in yrs)

Legend: Median Industry Experience - Certified Trainers; Average Industry Experience - Certified Trainers

- *Agriculture and Infrastructure Equipment sectors certified trainers are leading with highest median industry experience with 6 years and the lowest is for food processing, Gems & Jewelry and Hydrocarbons with median industry experience with 2.5 years.*
- *Electronics, Apparel and Logistics which have maximum trainer certification have median industry experience of approximately 3 years.*

Refer Annexure 3 – Sector wise average industry experience of Registered and certified Trainers
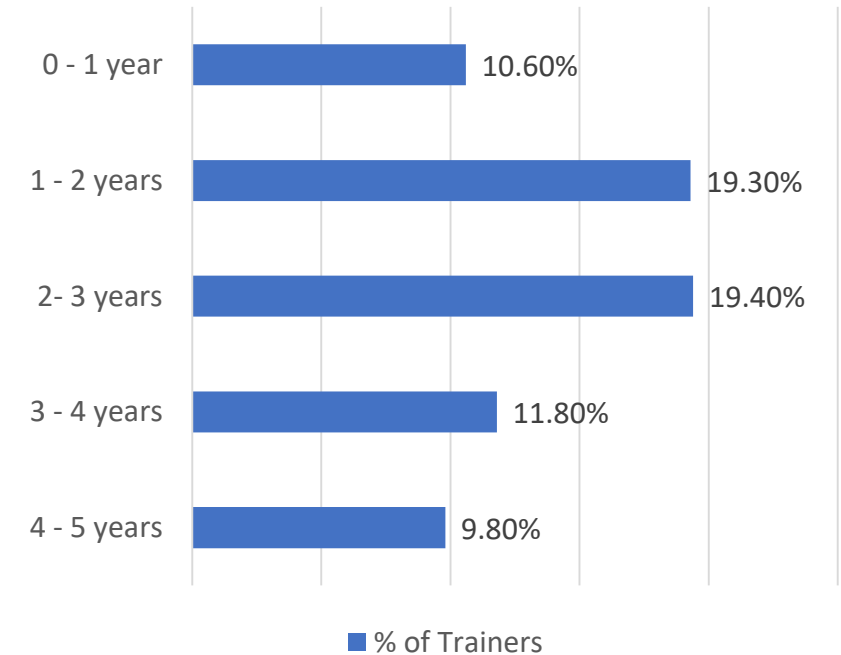
INDUSTRY EXPERIENCE

- *The Median Industry Experience of all Certified Trainers is 3.08 Years*
- *The Average Industry Experience of certified Trainers is 4.9 Years*

Industry Experience of Certified Trainers

■ % of Trainers

Range	% of Trainers
0 - 5 years	70.8%
5-10 years	19.7%
10-15 years	4.2%
15-20 years	1.9%
20+ years	3.5%

Break-up of Industry Experience range 0 - 5 years

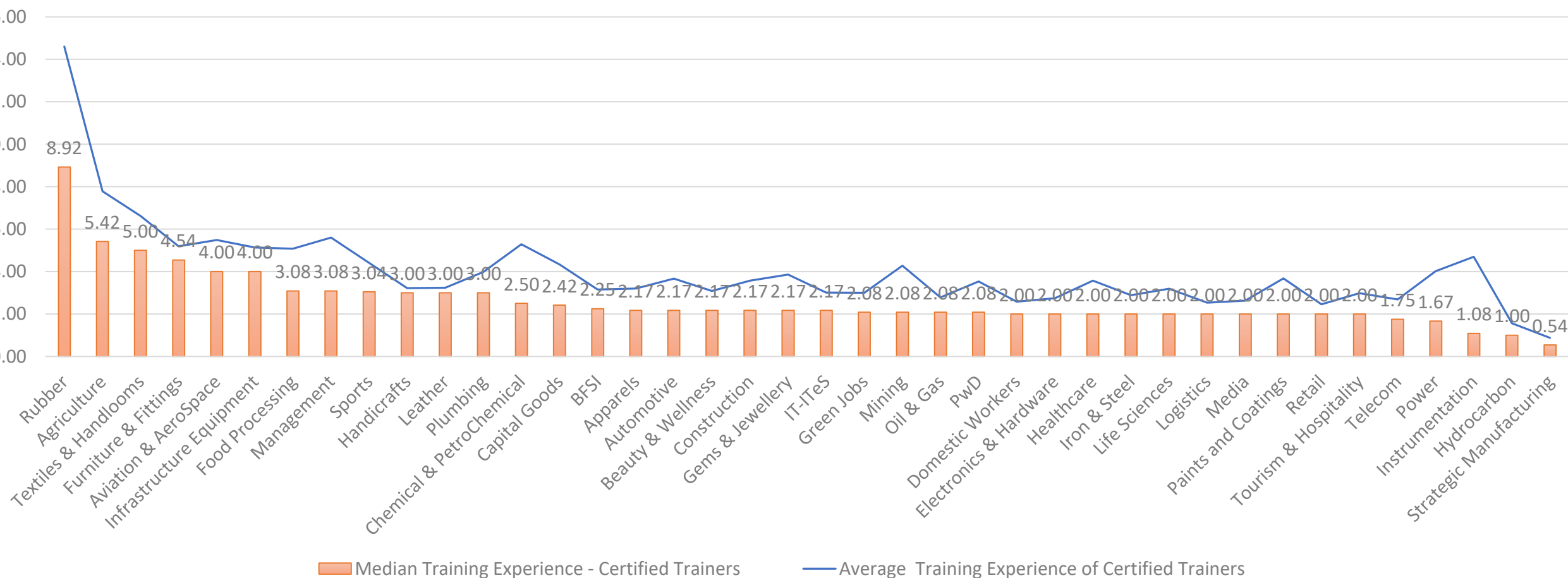| Range	% of Trainers
0 - 1 year	10.60%
1 - 2 years	19.30%
2- 3 years	19.40%
3 - 4 years	11.80%
4 - 5 years	9.80%

■ % of Trainers

- *70% of all Trainers are coming in with industry experience ranging from 0 – 5 years. 40% of all Trainers have 1-3 years of industry experience.*

TRAINING EXPERIENCE – SECTOR WISE

- *The Median Training Experience of all Certified Trainers is 2.17 Years and the Average Training Experience across Sectors is 3.84 Years*

Sector-wise Training Experience of Certified Trainers (in yrs)

- *Rubber, Agriculture, and Textiles & Handloom sectors certified trainers are leading with highest median training experience and the lowest is for Power, Instrumentation and Hydrocarbons with median industry experience.*
- *Electronics, Apparel and Logistics which have maximum trainer certification have median training experience of approximately 2 years.*
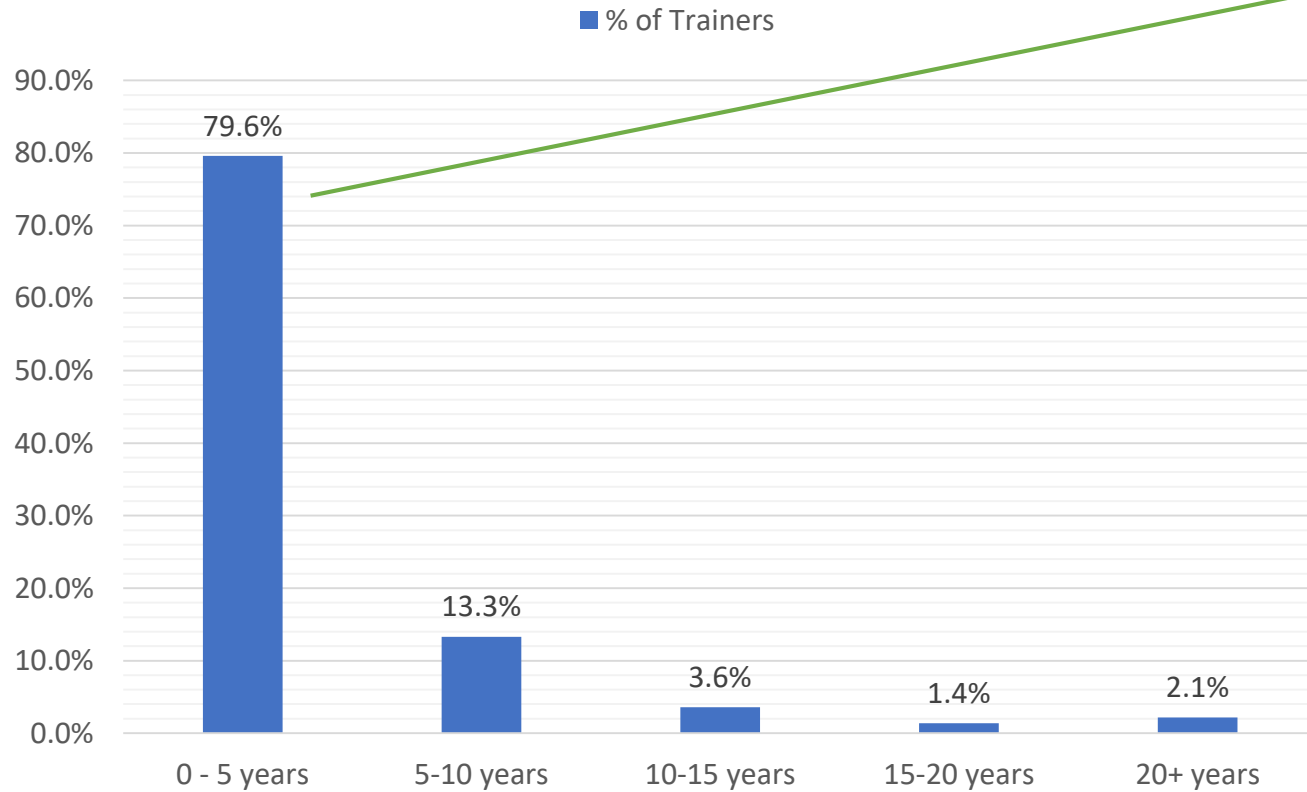
Refer Annexure 4 – Sector wise average training experience of Registered and certified Trainers

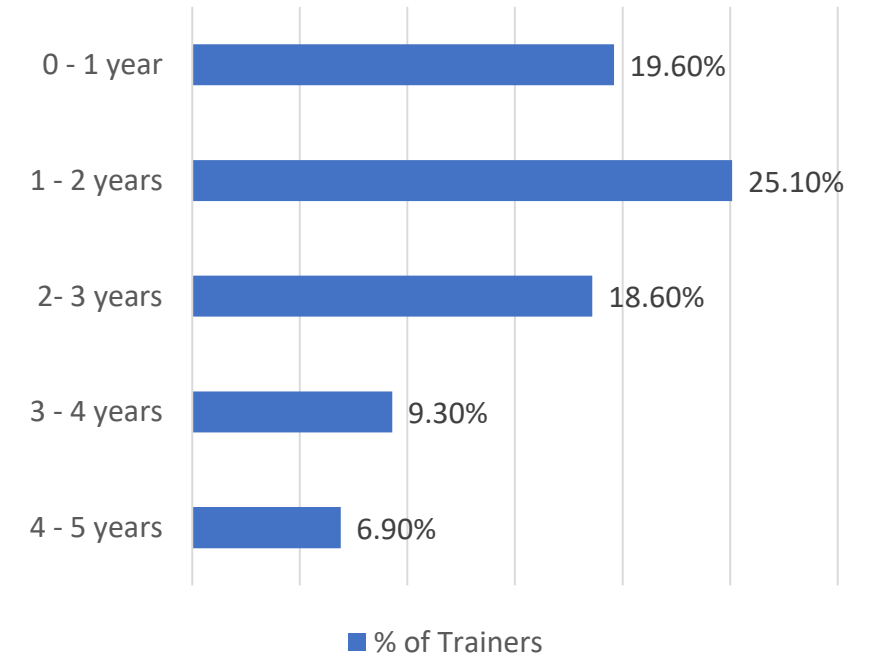# TRAINING EXPERIENCE

The Median Training Experience of all Certified Trainers is 2.17 Years
The Average Training Experience across Sectors is 3.84 Years

Training Experience of Certified Trainers

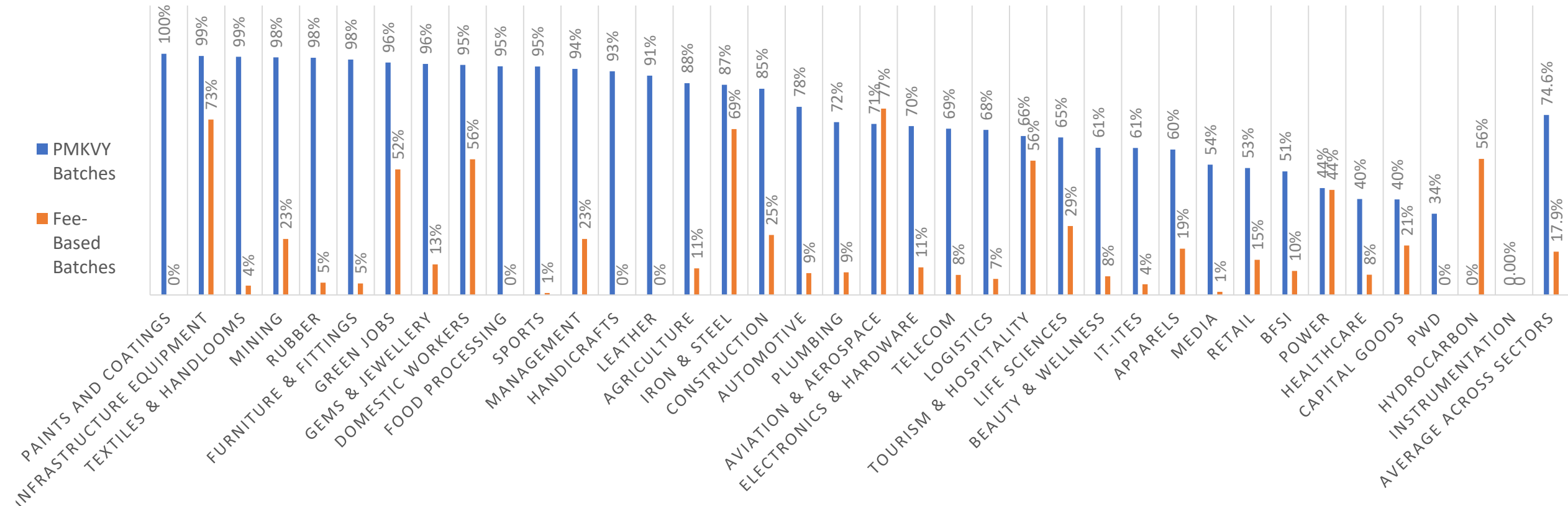Break-up of Training Experience range 0 – 5 years

80% of all Trainers are coming in with training experience ranging from 0 – 5 years. 45% of all Trainers have 0-2 years of training experience.

CERTIFIED TRAINERS IN ACTIVE BATCHES

*The following graph represents data of **98,899 QP-based batches** on Skill India Portal with **25,718 unique active trainers.***

- *The count of Fee-Based batches is 27,795 with a trainer certification percentage of 17.9% (since February 2019)*
- *The count of PMKVY batches is 71,104 with a trainer certification percentage of 74.6% (since November 2019). Under PMKVY, the sub-schemes and certified trainer compliance rate are as follows:*
    - *60% of the batches are **RPL** with a compliance rate of **99.7%***
    - *39% of the batches are **STT** with a compliance rate of **57%***
    - *1% of the batches are **Special Projects** with a compliance rate of **24%***

TOT COMPLIANCE IN PMKVY AND FEE-BASED BATCHES

The Sector-wise count of batches is available in Annexure 5.

ANNEXURES

ANNEXURE 1: Geographical Spread

State	Count of Registered Trainers	Count of Certified Trainers	% of Certified out of Registered	% Share of Registered Trainers	% Share of Certified Trainers
ANDAMAN AND NICOBAR ISLANDS	48	7	14.6%	0.04%	0.02%
ANDHRA PRADESH	3637	1232	33.9%	3.10%	3.67%
ARUNACHAL PRADESH	333	90	27.0%	0.28%	0.27%
ASSAM	6314	1482	23.5%	5.37%	4.41%
BIHAR	6022	2036	33.8%	5.12%	6.06%
CHANDIGARH	216	62	28.7%	0.18%	0.18%
CHHATTISGARH	2501	625	25.0%	2.13%	1.86%
DADRA AND NAGAR HAVELI	26	3	11.5%	0.02%	0.01%
DAMAN AND DIU	29	4	13.8%	0.02%	0.01%
DELHI	2977	1033	34.7%	2.53%	3.08%
GOA	207	38	18.4%	0.18%	0.11%
GUJARAT	2975	724	24.3%	2.53%	2.16%
HARYANA	5173	1508	29.2%	4.40%	4.49%
HIMACHAL PRADESH	2535	532	21.0%	2.16%	1.58%
JAMMU AND KASHMIR	2248	577	25.7%	1.91%	1.72%
JHARKHAND	4056	1627	40.1%	3.45%	4.85%
KARNATAKA	3096	885	28.6%	2.63%	2.64%
KERALA	3910	1279	32.7%	3.33%	3.81%
LAKSHADWEEP	14	8	57.1%	0.01%	0.02%
MADHYA PRADESH	8856	3071	34.7%	7.54%	9.15%
MAHARASHTRA	10805	3273	30.3%	9.20%	9.75%
MANIPUR	654	193	29.5%	0.56%	0.57%
MEGHALAYA	318	58	18.2%	0.27%	0.17%
MIZORAM	240	81	33.8%	0.20%	0.24%
NAGALAND	299	68	22.7%	0.25%	0.20%
ODISHA	4008	1271	31.7%	3.41%	3.78%
PUDUCHERRY	254	80	31.5%	0.22%	0.24%
PUNJAB	5431	1345	24.8%	4.62%	4.01%
RAJASTHAN	6389	1661	26.0%	5.44%	4.95%
SIKKIM	130	29	22.3%	0.11%	0.09%
TAMIL NADU	5058	1569	31.0%	4.30%	4.67%
TELANGANA	3164	882	27.9%	2.69%	2.63%
TRIPURA	792	295	37.2%	0.67%	0.88%
UTTAR PRADESH	12550	3572	28.5%	10.68%	10.64%
UTTARAKHAND	2524	506	20.0%	2.15%	1.51%
WEST BENGAL	9716	1875	19.3%	8.27%	5.58%
Grand Total	117505	33581	28.6%	100.00%	100.00%

REGIONS	Registered Trainers	Certified Trainers
NORTH	28.64%	27.20%
WEST	25.66%	22.57%
SOUTH	16.32%	17.69%
EAST	11.99%	14.69%
CENTRAL	9.67%	11.01%
NORTH EAST	7.73%	6.84%

N·S·D·C
National
Skill Development
Corporation

ANNEXURE 2: Education Details

EDUCATION	% of All Registered Trainers	% of Certified Trainers
Uneducated	0.16%	0.25%
Basic Literacy	0.04%	0.06%
Between 5th to 9th	0.26%	0.50%
Uptill 10th	11.64%	7.61%
Uptill 12th	16.80%	11.64%
Diploma	12.23%	12.70%
Polytechnic/ ITI	4.73%	4.98%
Certificate	2.61%	1.71%
Graduate	36.42%	41.63%
Postgraduate	13.37%	16.36%
Advanced Diploma	0.83%	0.72%
Doctorate	0.20%	0.06%
NA/ Others	1.72%	1.77%

ANNEXURE 3: Industry Experience (In Years)

Sector	Avg Industry Experience - Registered Trainers	Avg Industry Experience - Certified Trainers	Median Industry Experience - Registered Trainers	Median Industry Experience - Certified Trainers
Agriculture	7.36	9.00	5.00	6.17
Apparels	4.50	4.49	4.00	3.25
Automotive	4.64	4.57	3.17	3.00
Aviation & AeroSpace	6.33	6.33	3.08	3.46
Beauty & Wellness	3.87	4.42	3.00	3.08
BFSI	5.53	3.74	3.00	3.33
Capital Goods	4.06	4.04	3.00	3.00
Chemical & PetroChemical	3.45	2.50	1.92	3.00
Construction	4.14	4.49	3.00	3.00
Domestic Workers	3.74	3.90	3.50	3.00
Electronics & Hardware	3.34	3.51	2.08	3.00
Food Processing	3.93	4.19	2.75	2.75
Furniture & Fittings	7.74	9.01	5.17	3.00
Gems & Jewellery	5.10	6.66	3.08	2.50
Green Jobs	3.69	3.59	2.50	3.50
Handicrafts	3.91	4.40	3.00	3.08
Healthcare	4.73	5.96	3.00	3.08
Hydrocarbon	5.47	5.85	4.00	2.50
Infrastructure Equipment	5.60	6.03	6.00	6.00
Instrumentation	2.96	4.18	1.50	3.75
Iron & Steel	4.34	4.38	3.50	3.00
IT-ITeS	3.42	3.25	2.42	3.00
Leather	4.06	5.02	4.00	3.04
Life Sciences	5.37	5.17	3.00	3.08
Logistics	3.39	3.62	2.50	3.17
Management	6.09	7.39	3.08	3.25
Media	3.47	3.60	3.00	3.25
Mining	8.89	8.13	6.00	3.25
Oil & Gas	4.41	4.83	2.08	4.00
Paints and Coatings	5.17	5.55	3.17	3.50
Plumbing	4.39	5.42	3.25	3.00
Power	4.67	5.59	2.96	3.75
PwD	2.70	6.76	2.08	4.00
Retail	2.93	3.10	2.13	3.00
Rubber	12.30	16.61	5.96	3.00
Sports	5.16	5.83	3.08	4.08
Strategic Manufacturing	3.21	3.35	1.17	4.25
Telecom	3.53	3.75	2.25	3.00
Textiles & Handlooms	9.03	9.83	7.25	3.00
Tourism & Hospitality	4.23	4.11	3.25	3.08
Grand Total	**4.37**	**4.91**	**3.00**	**3.08**

ANNEXURE 4: Training Experience (In Years)

Sector	Avg Training Experience of Registered Trainers	Avg Training Experience of Certified Trainers	Median Training Experience - Registered Trainers	Median Training Experience - Certified Trainers
Agriculture	6.35	7.78	5.00	5.42
Apparels	3.38	3.20	2.50	2.17
Automotive	3.87	3.66	2.25	2.17
Aviation & AeroSpace	4.55	5.48	3.17	4.00
Beauty & Wellness	2.95	3.08	2.00	2.17
BFSI	4.17	3.15	2.83	2.25
Capital Goods	3.77	4.33	2.17	2.42
Chemical & PetroChemical	4.99	5.28	2.88	2.50
Construction	3.41	3.57	2.17	2.17
Domestic Workers	2.53	2.58	1.83	2.00
Electronics & Hardware	2.75	2.74	2.00	2.00
Food Processing	3.85	5.07	2.17	3.08
Furniture & Fittings	6.22	5.19	4.13	4.54
Gems & Jewellery	3.49	3.86	2.25	2.17
Green Jobs	3.08	2.99	2.08	2.08
Handicrafts	2.87	3.22	2.04	3.00
Healthcare	3.66	3.57	2.42	2.00
Hydrocarbon	3.30	1.56	1.33	1.00
Infrastructure Equipment	6.00	5.13	4.00	4.00
Instrumentation	2.85	4.69	1.25	1.08
Iron & Steel	3.63	2.88	2.00	2.00
IT-ITeS	3.28	3.01	2.25	2.17
Leather	2.96	3.23	2.67	3.00
Life Sciences	3.70	3.19	2.33	2.00
Logistics	2.47	2.53	2.00	2.00
Management	4.94	5.60	2.50	3.08
Media	2.52	2.63	2.00	2.00
Mining	5.10	4.28	2.00	2.08
Oil & Gas	2.60	2.78	2.00	2.08
Paints and Coatings	3.95	3.67	2.00	2.00
Plumbing	2.78	3.98	1.46	3.00
Power	4.00	4.02	2.08	1.67
PwD	2.16	3.54	2.00	2.08
Retail	2.26	2.46	2.00	2.00
Rubber	11.50	14.60	5.50	8.92
Sports	4.30	4.41	3.00	3.04
Strategic Manufacturing	2.78	0.88	1.00	0.54
Telecom	2.55	2.69	1.75	1.75
Textiles & Handlooms	6.01	6.61	5.00	5.00
Tourism & Hospitality	2.73	2.98	1.58	2.00
Grand Total	3.46	3.84	2.08	2.17

Appendix 5: Sector-wise Count of Batches on SIP

Sector Name	Count of Fee-Based Batches	Count of PMKVY batches
Agriculture	844	3110
Apparels	2265	7465
Automotive	1593	1245
Aviation & AeroSpace	22	275
Beauty & Wellness	1506	1885
BFSI	871	160
Capital Goods	429	710
Construction	3441	3844
Domestic Workers	295	2233
Electronics & Hardware	1469	9009
Food Processing	69	2215
Furniture & Fittings	21	760
Gems & Jewellery	126	237
Green Jobs	446	2669
Handicrafts	23	1538
Healthcare	2669	1350
Hydrocarbon	78	18
Infrastructure Equipment	11	112
Instrumentation	158	0
Iron & Steel	16	256
IT-ITeS	4551	3474
Leather	2	856
Life Sciences	63	277
Logistics	283	6092
Management	651	2857
Media	527	1112
Mining	155	988
Paints and Coatings	11	482
Plumbing	171	967
Power	179	893
PwD	3	585
Retail	1391	3127
Rubber	39	2769
Sports	124	132
Telecom	577	2000
Textiles & Handlooms	26	2439
Tourism & Hospitality	2690	2963
Grand Total	27795	71104

National Skill Development Corporation

Transforming the skill landscape

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March 2020

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

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