



भारतीय रिज़र्व बैंक RESERVE BANK OF INDIA

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2 दिसंबर 2025

भारतीय उद्योग में विदेशी सहयोग पर सर्वेक्षण: 2023-2025 -जारी आंकड़े

भारतीय रिज़र्व बैंक ने आज वित्तीय वर्ष 2023-24 और 2024-25 के लिए भारतीय उद्योग (एफसी) में विदेशी सहयोग पर अपने द्विवार्षिक सर्वेक्षण के पंद्रहवें दौर के [परिणाम1](#) जारी किए। यह सर्वेक्षण संलग्न [अनुसूची](#) के अनुसार संदर्भ अवधि के दौरान विदेशी कंपनियों के साथ तकनीकी सहयोग वाली भारतीय कंपनियों के वित्तीय मापदंडों और परिचालनों के बारे में जानकारी प्राप्त करता है।

हालिया सर्वेक्षण दौर में 255 भारतीय संस्थाओं द्वारा 601 विदेशी तकनीकी सहयोग (एफटीसी) वाले करारों के बारे में जानकारी दी गई थी, जिनमें से 163 संस्थाओं ने पिछले सर्वेक्षण दौर में भाग लिया था।

मुख्य बातें:

- विदेशी तकनीकी सहयोग (एफटीसी) करार मुख्य रूप से विदेशी प्रत्यक्ष निवेश (एफडीआई) कंपनियों में मौजूद थे, जो या तो विदेशी सहायक कंपनियां (अर्थात्, एकल विदेशी निवेशक जिनके पास कुल इक्विटी का 50 प्रतिशत से अधिक इक्विटी हो) या विदेशी सहयोगी कंपनियां (अर्थात्, विदेशी निवेशकों की इक्विटी धारिता 10 से 50 प्रतिशत के बीच हो) थीं, जिनका कुल एफटीसी में क्रमशः 68 प्रतिशत और 21 प्रतिशत हिस्सेदारी थीं ([तालिका 1](#))।
- विनिर्माण क्षेत्र की संस्थाओं में एफटीसी कुल रिपोर्ट किए गए एफटीसी का 78.4 प्रतिशत रहा, जिसमें से मशीनरी और मोटर वाहन एक साथ 30.6 प्रतिशत रहे; जबकि सेवा क्षेत्र से संबंधित एफटीसी 16.6 प्रतिशत था ([तालिका 2](#))।
- भारतीय संस्थाओं में तकनीकी सहयोग वाले देशों में जापान, संयुक्त राज्य अमेरिका (यूएसए) और जर्मनी शीर्ष तीन देशों के रूप में बने रहे ([तालिका 3](#))।
- लगभग 61 प्रतिशत एफटीसी में विदेशी सहयोगियों द्वारा प्रौद्योगिकी ज्ञान-कौशल हस्तांतरण शामिल था और 8 प्रतिशत एफटीसी ट्रेडमार्क/ ब्रांड नामों के उपयोग के लिए थे ([तालिका 4](#))।
- लगभग दो-तिहाई एफटीसी के लिए भुगतान विधि रॉयल्टी भुगतान थी, जिसमें रॉयल्टी और एकमुश्त तकनीकी शुल्क दोनों शामिल थे ([तालिका 5](#))।

¹ भारतीय उद्योग में विदेशी सहयोग पर चौदहवें दौर के सर्वेक्षण के परिणाम, जो 2021-2023 की अवधि के लिए थे, आरबीआई वेबसाइट पर [31 अक्टूबर, 2023](#) को जारी किए गए।

- 601 रिपोर्ट किए गए एफटीसी करारों में से, 187 में निर्यात प्रतिबंध खंड थे और 188 एफटीसी में हस्तांतरित आस्तियों पर अनन्य अधिकारों का प्रावधान था ([तालिका 6](#) और [8](#))।
- एफटीसी कंपनियों में उत्पादन मूल्य के संदर्भ में विनिर्माण क्षेत्र का सबसे अधिक हिस्सा था। विनिर्माण के अंतर्गत, मोटर वाहन क्षेत्र का सबसे बड़ा हिस्सा था ([तालिका 9](#))।
- 2024-25 में, एफटीसी रिपोर्टिंग इकाइयों के निर्यात की वृद्धि दर (20.3 प्रतिशत) आयात (4.6 प्रतिशत) की तुलना में अधिक तीव्र थी — उनका कुल उत्पादन मूल्य में क्रमशः 17.7 प्रतिशत और 18.6 प्रतिशत का हिस्सा था ([तालिका 10](#) और [11](#))।
- वर्तमान सर्वेक्षण दौर में, नियोजित पूँजी की तुलना में सकल लाभ के अनुपात द्वारा मापी गई एफटीसी रिपोर्टिंग कंपनियों की औसत लाभप्रदता 14.4 प्रतिशत थी ([तालिका 12](#))।

अजीत प्रसाद

उप महाप्रबंधक (संचार)

प्रेस प्रकाशनी: 2025-2026/1615

Table 1: Group-wise number of entities having Foreign Technical Collaboration (FTC): 2023-25

Company Group	Number of Companies
Foreign Subsidiary	174
Foreign Associate	53
Pure Technical Collaboration	8
Others (Foreign Equity less than 10 per cent or only outward investment)	20
Total	255

Table 2: Industry-wise Distribution of Agreements of FTC Companies

Industry	Fourteenth Round (2021-22 to 2022-23)		Fifteenth Round (2023-24 to 2024-25)	
	Number	% in Total	Number	% in Total
A. Agriculture-related, Plantation and Allied activities	6	0.9	2	0.3
B. Mining & Quarrying	-	-	-	-
C. Manufacturing	529	78.4	471	78.4
Food Products	2	0.3	1	0.2
Beverages and Tobacco products	1	0.2	-	-
Textiles	1	0.2	1	0.2
Wearing Apparel	2	0.3	-	-
Leather & related products	1	0.1	1	0.2
Wood & products of wood and cork, except furniture	-	-	-	-
Printing and reproduction of recorded media	-	-	-	-
Coke and refined petroleum products	4	0.6	4	0.6
Chemicals and chemical products	46	6.8	44	7.3
Pharmaceuticals, medicinal chemical and botanical products	6	0.9	17	2.8
Rubber and plastics products	25	3.7	17	2.8
Other Non-metallic mineral products	10	1.5	10	1.7
Manufacture of basic metals	-	-	1	0.2
Fabricated metal products; except machinery and equipment	11	1.6	8	1.3
Computer, electronic and optical products	5	0.7	3	0.5
Electrical equipment	21	3.1	22	3.7
Machinery and equipment not elsewhere classified	93	13.8	123	20.5
Motor vehicles, trailers and semi-trailers	76	11.3	61	10.1
Other transport equipment	29	4.3	4	0.7
Other manufacturing	196	29.0	154	25.6
D. Electricity, gas, steam and air conditioning supply	3	0.4	1	0.2
E. Water supply; sewerage, waste management and remediation activities	1	0.2	1	0.2
F. Construction	21	3.1	26	4.3
G. Services	114	17.0	100	16.6
Wholesale and retail trade; repair of motor vehicles and motorcycles	8	1.2	22	3.7
Repair and installation of machinery and equipment	14	2.1	10	1.7
Accommodation and Food service activities	-	-	2	0.3
Information and communication	7	1.0	34	5.6
Financial and insurance activities	14	2.1	3	0.5
Real estate activities	1	0.2	-	-
Scientific research and development	1	0.2	23	3.8
Other service activities	69	10.2	6	1.0
Total	674	100.0	601	100.0
Note: 1. Components may not add up to the total due to rounding off. 2. - : Nil / negligible. (These are applicable for all tables)				

Table 3: Country-wise Distribution of Agreements of FTC Companies

Country	Fourteenth Round (2021-22 to 2022-23)		Fifteenth Round (2023-24 to 2024-25)	
	Number	% in Total	Number	% in Total
Japan	236	35.0	210	34.9
United States of America	87	12.9	74	12.3
Germany	73	10.8	64	10.7
South Korea	41	6.1	59	9.8
Italy	29	4.3	22	3.7
France	29	4.3	21	3.5
United Kingdom	20	3.0	20	3.3
Switzerland	18	2.7	13	2.2
Singapore	9	1.3	12	2.0
Others*	132	19.6	106	17.6
Total	674	100.0	601	100.0

* 'Others' include countries with less than nine FTC agreements reported in the current survey round.

Table 4: Distribution of Agreements According to Type of Assets Transferred of FTC Companies

Asset transferred	Fourteenth Round (2021-22 to 2022-23)		Fifteenth Round (2023-24 to 2024-25)	
	Number	% in Total	Number	% in Total
Know-how	377	55.9	365	60.7
Trademark/ Brand Name	76	11.3	48	8.0
Patent	8	1.2	2	0.3
Others (Including combination of above)	213	31.6	186	31.0
Total	674	100.0	601	100.0

Table 5: Distribution of Agreements According to Mode of Payment of FTC Companies

Mode of Payment	Fourteenth Round (2021-22 to 2022-23)		Fifteenth Round (2023-24 to 2024-25)	
	Number	% in Total	Number	% in Total
Royalty	299	44.4	241	40.1
Lump sum technical fees	68	10.0	38	6.3
Both Royalty and Lump-sum technical fees	177	26.3	158	26.3
Others *	130	19.3	164	27.3
Total	674	100.0	601	100.0

* Others include other modes of payment (other than royalty and lump-sum technical fees) for dividend; import of machinery and raw materials; technical support fees; training, communication and advertising and other similar remittances.

Table 6: Industry-wise Agreements with Exports Restrictive Clauses of FTC Companies

Industry	Fourteenth Round (2021-22 to 2022-23)			Fifteenth Round (2023-24 to 2024-25)		
	Total no. of Agreements	No. of Agreements with Export restrictive clauses	% of Agreements with Export Restrictive Clauses	Total no. of Agreements	No. of Agreements with Export restrictive clauses	% of Agreements with Export Restrictive Clauses
A. Agriculture-related, Plantation and Allied activities	6	1	16.7	2	-	-
B. Mining & Quarrying	-	-	-	-	-	-
C. Manufacturing	529	180	34.0	471	173	36.7
Food Products	2	1	50.0	1	1	100.0
Beverages and Tobacco products	1	-	-	-	-	-
Textiles	1	-	-	1	-	-
Wearing Apparel	2	-	-	-	-	-
Leather & related products	1	-	-	1	-	-
Wood & products of wood and cork, except furniture	-	-	-	-	-	-
Printing and reproduction of recorded media	-	-	-	-	-	-
Coke and refined petroleum products	4	2	50.0	4	2	50.0
Chemicals and chemical products	46	8	17.4	44	5	11.4
Pharmaceuticals, medicinal chemical and botanical products	6	3	50.0	17	6	35.3
Rubber and plastics products	25	5	20.0	17	1	5.9
Other Non-metallic mineral products	10	8	80.0	10	10	100.0
Manufacture of basic metals	-	-	-	1	-	-
Fabricated metal products; except machinery and equipment	11	1	9.1	8	2	25.0
Computer, electronic and optical products	5	1	20.0	3	1	33.3
Electrical equipment	21	-	-	22	10	45.5
Machinery and equipment not elsewhere classified	93	35	37.6	123	45	36.6
Motor vehicles, trailers and semi-trailers	76	27	35.5	61	29	47.5
Other transport equipment	29	12	41.4	4	2	50.0
Other manufacturing	196	77	39.3	154	59	38.3
D. Electricity, gas, steam and air conditioning supply	3	-	-	1	1	100.0
E. Water supply; sewerage, waste management and remediation activities	1	-	-	1	-	-
F. Construction	21	11	52.4	26	11	42.3
G. Services	114	6	5.3	100	2	2.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	8	-	-	22	-	-
Repair and installation of machinery and equipment	14	1	7.1	10	1	10.0
Accommodation and Food service activities	-	-	-	2	-	-
Information and communication	7	-	-	34	-	-
Financial and insurance activities	14	1	7.1	3	1	33.3
Real estate activities	1	-	-	-	-	-
Scientific research and development	1	-	-	23	-	-
Other service activities	69	4	5.8	6	-	-
Total	674	198	29.4	601	187	31.1

Table 7: Country-wise Distribution of Agreements with Exports Restrictive Clauses of FTC Companies

Country	Fourteenth Round (2021-22 to 2022-23)			Fifteenth Round (2023-24 to 2024-25)		
	Total no. of Agreements	No. of Agreements with Export restrictive clauses	% of Agreement with Export Restrictive Clauses	Total no. of Agreements	No. of Agreements with Export restrictive clauses	% of Agreement with Export Restrictive Clauses
Japan	236	99	41.9	210	110	52.4
United States of America	87	25	28.7	74	17	23.0
Germany	73	16	21.9	64	12	18.8
South Korea	41	8	19.5	59	9	15.3
Italy	29	7	24.1	22	9	40.9
France	29	3	10.3	21	4	19.0
United Kingdom	20	5	25.0	20	4	20.0
Switzerland	18	5	27.8	13	3	23.1
Singapore	9	1	11.1	12	0	-
Others	132	29	22.0	106	19	17.9
Total	674	198	29.4	601	187	31.1

Table 8: Industry-wise Agreements with Provision of Exclusive Rights of FTC Companies

Industry	Fourteenth Round (2021-22 to 2022-23)			Fifteenth Round (2023-24 to 2024-25)		
	Total no. of Agreements	No. of Agreements with Exclusive Rights	% in Total No of Agreements	Total Number of Agreements	No. of Agreements with Exclusive Rights	% in Total no. of Agreements
A. Agriculture-related, Plantation and Allied activities	6	5	83.3	2	-	-
B. Mining & Quarrying	-	-	-	-	-	-
C. Manufacturing	529	178	33.6	471	163	34.6
Food Products	2	2	100.0	1	1	100.0
Beverages and Tobacco products	1	-	-	-	-	-
Textiles	1	1	100.0	1	1	100.0
Wearing Apparel	2	-	-	-	-	-
Leather & related products	1	-	-	1	-	-
Wood & products of wood and cork, except furniture	-	-	-	-	-	-
Printing and reproduction of recorded media	-	-	-	-	-	-
Coke and refined petroleum products	4	2	50.0	4	1	25.0
Chemicals and chemical products	46	19	41.3	44	9	20.5
Pharmaceuticals, medicinal chemical and botanical products	6	2	33.3	17	3	17.6
Rubber and plastics products	25	12	48.0	17	7	41.2
Other Non-metallic mineral products	10	7	70.0	10	10	100.0
Manufacture of basic metals	-	-	-	1	-	-
Fabricated metal products; except machinery and equipment	11	2	18.2	8	1	12.5
Computer, electronic and optical products	5	3	60.0	3	1	33.3
Electrical equipment	21	7	33.3	22	13	59.1
Machinery and equipment not elsewhere classified	93	31	33.3	123	65	52.8
Motor vehicles, trailers and semi-trailers	76	28	36.8	61	25	41.0
Other transport equipment	29	16	55.2	4	3	75.0
Other manufacturing	196	46	23.5	154	23	14.9
D. Electricity, gas, steam and air conditioning supply	3	1	33.3	1	-	-
E. Water supply; sewerage, waste management and remediation activities	1	-	-	1	-	-
F. Construction	21	12	57.1	26	11	42.3
G. Services	114	21	18.4	100	14	14.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	8	3	37.5	22	3	13.6
Repair and installation of machinery and equipment	14	6	42.9	10	4	40.0
Accommodation and Food service activities	-	-	-	2	2	100.0
Information and communication	7	4	57.1	34	3	8.8
Financial and insurance activities	14	2	14.3	3	-	-
Real estate activities	1	1	100.0	-	-	-
Scientific research and development	1	-	-	23	1	4.3
Other service activities	69	5	7.2	6	1	16.7
Total	674	217	32.2	601	188	31.3

Table 9: Industry-wise Share in value of Production of FTC Companies

(amount in ₹ crore)

Industry	Value of Production		Annual Growth (per cent)	Share in VoP (2024-25)
	2023-24	2024-25		
A. Agriculture-related, Plantation and Allied activities	2,292	2,163	-5.6	0.3
B. Mining & Quarrying	-	-	-	-
C. Manufacturing	4,13,115	4,34,357	5.1	69.4
Food Products	98	43	-56.1	-
Beverages and Tobacco products	-	-	-	-
Textiles	136	140	2.9	-
Wearing Apparel	-	-	-	-
Leather & related products	180	187	3.9	-
Wood & products of wood and cork, except furniture	-	-	-	-
Printing and reproduction of recorded media	-	-	-	-
Coke and refined petroleum products	3,677	4,210	14.5	0.7
Chemicals and chemical products	19,766	20,080	1.6	3.2
Pharmaceuticals, medicinal chemical and botanical products	1,431	1,631	14.0	0.3
Rubber and plastics products	2,737	3,021	10.4	0.5
Other Non-metallic mineral products	2,516	2,625	4.3	0.4
Manufacture of basic metals	47	65	38.3	-
Fabricated metal products; except machinery and equipment	2,661	2,696	1.3	0.4
Computer, electronic and optical products	334	300	-10.2	0.1
Electrical equipment	33,685	39,949	18.6	6.4
Machinery and equipment not elsewhere classified	21,084	21,439	1.7	3.4
Motor vehicles, trailers and semi-trailers	1,88,070	1,94,401	3.4	31.0
Other transport equipment	37,650	40,965	8.8	6.6
Other manufacturing	99,043	1,02,605	3.6	16.4
D. Electricity, gas, steam and air conditioning supply	171	159	-7.0	-
E. Water supply; sewerage, waste management and remediation activities	1	-	-100.0	-
F. Construction	1,31,321	1,48,334	13.0	23.7
G. Services	44,118	41,325	-6.3	6.6
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,969	1,429	-27.4	0.2
Repair and installation of machinery and equipment	1,419	1,480	4.3	0.2
Accommodation and Food service activities	108	100	-7.4	-
Information and communication	35,330	31,019	-12.2	5.0
Financial and insurance activities	2,948	3,360	14.0	0.6
Real estate activities	-	-	-	-
Scientific research and development	181	208	14.9	-
Other service activities	2,163	3,729	72.4	0.6
Total	5,91,018	6,26,338	6.0	100.0

Table 10: Industry-wise Export of FTC Companies

(amount in ₹ crore)

Industry	Exports		Annual Growth (per cent)	% Share in Exports (2024-25)
	2023-24	2024-25		
A. Agriculture-related, Plantation and Allied activities	25	6	-76.0	-
B. Mining & Quarrying	-	-	-	-
C. Manufacturing	51,920	54,214	4.4	48.9
Food Products	102	37	-63.7	-
Beverages and Tobacco products	-	-	-	-
Textiles	123	125	1.6	0.1
Wearing Apparel	-	-	-	-
Leather & related products	180	183	1.7	0.2
Wood & products of wood and cork, except furniture	-	-	-	-
Printing and reproduction of recorded media	-	-	-	-
Coke and refined petroleum products	210	349	66.2	0.3
Chemicals and chemical products	2,222	2,230	0.4	2.0
Pharmaceuticals, medicinal chemical and botanical products	475	732	54.1	0.7
Rubber and plastics products	340	315	-7.4	0.3
Other Non-metallic mineral products	11	10	-9.1	-
Manufacture of basic metals	3	4	33.3	-
Fabricated metal products; except machinery and equipment	182	212	16.5	0.2
Computer, electronic and optical products	108	37	-65.7	-
Electrical equipment	3,776	3,996	5.8	3.6
Machinery and equipment not elsewhere classified	2,665	2,562	-3.9	2.3
Motor vehicles, trailers and semi-trailers	28,896	30,709	6.3	27.7
Other transport equipment	1,529	2,238	46.4	2.0
Other manufacturing	11,098	10,475	-5.6	9.5
D. Electricity, gas, steam and air conditioning supply	42	30	-28.6	-
E. Water supply; sewerage, waste management and remediation activities	1	-	-	-
F. Construction	26,319	40,970	55.7	37.0
G. Services	13,900	15,673	12.8	14.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	992	1,255	26.5	1.1
Repair and installation of machinery and equipment	60	33	-45.0	-
Accommodation and Food service activities	-	-	-	-
Information and communication	11,684	13,445	15.1	12.1
Financial and insurance activities	-	-	-	-
Real estate activities	-	-	-	-
Scientific research and development	3	4	33.3	-
Other service activities	1,163	936	-19.5	0.9
Total	92,207	1,10,893	20.3	100.0

Table 11: Industry-wise Imports of FTC Companies

(amount in ₹ crore)

Industry	Imports		Annual Growth (per cent)	Share in Imports (2024-25)
	2023-24	2024-25		
A. Agriculture-related, Plantation and Allied activities	-	3	-	-
B. Mining & Quarrying	-	-	-	-
C. Manufacturing	93,847	95,802	2.1	82.3
Food Products	2	2	-	-
Beverages and Tobacco products	-	-	-	-
Textiles	30	30	-	-
Wearing Apparel	-	-	-	-
Leather & related products	50	67	34.0	0.1
Wood & products of wood and cork, except furniture	-	-	-	-
Printing and reproduction of recorded media	-	-	-	-
Coke and refined petroleum products	787	834	6.0	0.7
Chemicals and chemical products	4,637	4,643	0.1	4.0
Pharmaceuticals, medicinal chemical and botanical products	543	865	59.3	0.7
Rubber and plastics products	362	403	11.3	0.4
Other Non-metallic mineral products	600	630	5.0	0.5
Manufacture of basic metals	14	20	42.9	-
Fabricated metal products; except machinery and equipment	100	189	89.0	0.2
Computer, electronic and optical products	260	88	-66.2	0.1
Electrical equipment	7,116	8,301	16.7	7.1
Machinery and equipment not elsewhere classified	4,723	5,429	14.9	4.7
Motor vehicles, trailers and semi-trailers	24,308	22,618	-7.0	19.4
Other transport equipment	1,552	1,784	14.9	1.5
Other manufacturing	48,763	49,899	2.3	42.9
D. Electricity, gas, steam and air conditioning supply	11	13	18.2	-
E. Water supply; sewerage, waste management and remediation activities	-	-	-	-
F. Construction	6,553	8,963	36.8	7.7
G. Services	10,867	11,651	7.2	10.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,094	1,277	16.7	1.1
Repair and installation of machinery and equipment	467	458	-1.9	0.4
Accommodation and Food service activities	-	-	-	-
Information and communication	9,029	9,666	7.1	8.3
Financial and insurance activities	-	-	-	-
Real estate activities	-	-	-	-
Scientific research and development	4	5	25.0	-
Other service activities	273	245	-10.3	0.2
Total	1,11,278	1,16,432	4.6	100.0

Table 12: Profitability Ratio of FTC Companies

Survey Round	Year	Gross Profit to Capital ratio (per cent)	
		Financial Year	Survey Average
Ninth round (244)	2010-11	9.8	10.0
	2011-12	10.1	
Tenth Round (303)	2012-13	17.0	14.8
	2013-14	12.6	
Eleventh Round (306)	2014-15	17.3	17.9
	2015-16	18.5	
Twelfth Round (334)	2016-17	14.6	16.0
	2017-18	17.4	
Thirteenth Round (481)	2019-20	14.6	11.5
	2020-21	8.4	
Fourteenth Round (356)	2021-22	10.5	10.5
	2022-23	10.4	
Fifteenth Round (255)	2023-24	14.2	14.4
	2024-25	14.5	

Note: Figures in parentheses indicate the number of reporting FTC companies.