## List of Figures, Tables and Boxes

## **FIGURES**

	1.1	Economic Growth Rates in India, 1961-2024	2
	1.2	GDP Share, by Sector, India, 1981–2024	2
	1.3	Share of Manufacturing Value Added in GDP in Select Asian Countries, 2021	2
	1.4	Backward and Forward Linkages Generated by Economic Sectors in the Indian Economy	
	1.5	Higher Manufacturing Activity Correlates with Higher Per Capita Income Across Countries	
	1.6	States with Greater Manufacturing Activity Exhibit Higher Per Capita Incomes	4
	1.7	Greater Manufacturing Activity Correlates with Lower Poverty Across Indian States	
	1.8	Changing proportions of Working Age Population, 2020-2060	
2	2.1A	India's Share of Global Manufacturing Value Added	24
2	2.1B	Biggest Manufacturing Countries in the World	24
,	2.2	Sectoral Growth Rates	24
2	2.3	Changing Industrial Structure	26
2	2.4	Changes in Industrial Composition by Technology-Intensity (%)	27
2	2.5	Industrial Growth Performance by Technology-Intensity	
		Classification (%), 1991-92 to 2021-22	. 28
2	2.6	Industrial Growth Performance by Technology-Intensity (%)	28
2	2.7	Trends in Labour Productivity Index in Indian Manufacturing	
		Sectors, by Technology Intensity	
2	2.8	Contribution of Sources of Growth in Select Regions and Countries	
2	2.9A	Growth Rates of Manufacturing Firms by Size	
	2.9B	Growth Rates of Manufacturing Firms by Ownership	
		Profitability Patterns of Manufacturing Firms by Size	
		Profitability Patterns of Manufacturing Firms by Ownership	
		Employee Compensation Patterns of Manufacturing Firms by Size	
		Employee Compensation Patterns of Manufacturing Firms by Ownership	
		Leverage Ratios of Manufacturing Firms by Size	
		Leverage Ratios of Manufacturing Firms by Ownership	
	2.13	Major Sources of Financing for the Corporate Sector (% of total borrowings)	. 34
	2.14	Issues of Corporate Bonds in Select Industrialized and	_
		Emerging Markets (as in 2024:Q1 (US\$ Billion)	
	2.15	Number of Capital Issues by Non-Government Public Limited Companies	
	2.16	Financing Constraints faced by India's Manufacturing Enterprises	
	2.17	Term Loans Disbursed by Scheduled Commercial Banks as % of Total Advances	
	2.18	Maturity Pattern of Term Deposits with Commercial Banks (%)	
	2.19	Comparing IIP with ASI	
	3.1	Trends in India's Merchandise and Services Trade Balances, 2001 to 2024	. 4.
٠	3.2	India's Total Goods Exports and Imports by Region and Partner, by Share of Total (%), 2001, 2010, and 2023	
		a. Exports	45
		b. Imports	
	3.3	India's Trade Balance With Key Partners, 2001-2023	
	3.4a	Structure of India's Merchandise Imports, 2001-2023	
	3.4b	Structure of India's Merchandise Exports, 2001-2023	
	3.5	Economic Complexity Index Rankings, 2011-2021	
٠	٠.٠	beomonine complexity much rankings, 2011 2021	T.

INDIA INDUSTRIAL DEVELOPMENT REPORT 2024-25

3.6	Global Market Share, India and Select Economies, 1995-2021
	a. Bangladesh
	b. China
	c. India
	d. Malaysia
	e. Thailand
	f. Vietnam
3.7	Export Market Dynamics, India, China, 2000, 2021
	a. Share in World Market by Product Sector, India, China, 2000, 2021
	b. Export Products (RCA >1), India, China, 2000, 2021
3.8	Top 20 Merchandise Products in the Export Basket, by Share, India, China, 2021, 2010, 2000
	a. India
	b. China
3.9	India's Product Space Map, 2021
3.10	Trends in Total, Forward, and Backward GVC Participation (US\$ Billion),
	Manufacturing, India and Select Asian Economies, 2007-2020
	a. Total GVC Participation
	b. Backward GVC Participation
	c. Forward GVC Participation
3.11	Trends in Total GVC Participation (USD Billion), Low-Technology, Medium-High
0.40	Technology Manufacturing, India, China, 2007-2020
3.12	India Occupies the Fourth Rank Among Emerging
0.10	Economies in the FDI Confidence World Rankings
3.13	FDI Inflows as a Percentage of GFCF, India, Developing Asia, Developing Economies, and Worldwide, 2001-2023
3.14	India's Share in Global and Regional FDI Inflows, 2001-2023
3.15	FDI Inflows Received by Top Emerging Countries (US\$ Billion), 2022 and 2023
3.16	Top Five Recipients by Number of Projects,
5.10	Greenfield Investment Announcements, 2023
3.17	Greenfield FDI Into Asia-Pacific by Regional Market Shares (%), 2023
3.18	FDI Stock and Per Capita Income, Developing Economies, 2023
3.19	India's Share in Global and Regional FDI Outflows, 2001-2023
3.20	India's Preferential Trade Arrangements as of March 2024
4.1	R&D as a Share of GDP (%), Researchers Per Million Inhabitants,
	Selected Countries and World Average, 2020
4.2	Key Actors in National R&D Activity in Select Countries, 2020
4.3	R&D Intensity of Indian Manufacturing Firms by Size
4.4	Sectoral Distribution of R&D Expenditure by Private Sector Industry in India 63
4.5	Number of Patents Sealed in India, 2014–15 to 2022–23
4.6	Patent Applications Filed by Residents and Non-Residents at Select Patent Office, 2021 65
4.7	Global Innovation Index, India and selected economies
4.8	FDI Projects in R&D, India and Selected Economies
4.9	R&D Intensity of Majority-Owned Foreign Affiliates of US MNCs
	in Select Countries, 2010 and 2022
4.10	Indicators of Readiness to Benefit from Industry 4.0
4.11	AI Preparedness in Terms of Technology and Investments
5.1	Global Solar PV Module Production
5.2	Cost Range of Solar-Power Generation
5.3	Growth of Domestic PV Manufacturing Capacity
5.4	Adoption of Net-Zero Targets
	A. Decarbonization target of 100 companies
	B. Carbon emission neutrality target of firms across sectors
5.5	Trends in Scope 1 and Scope 2 Emissions by the Sample Companies

LIST OF FIGURES, TABLES AND BOXES

	A. Change in Scope 1 emissions by 100 firms over 2022-23
	B. Change in Scope 2 emissions by 100 firms over 2022-23
5.6	Trends in Emission Intensity in the Sample Companies
	A. Change in Scope 1 + Scope 2 emissions (per rupee of turnover)
	by Sample firms over 2022-23
	B. Change in Scope 1 + Scope 2 emissions (per rupee of turnover)
	across sectors over 2022-23
5.7	Trends in Energy Use Intensity
	A. Change in energy use intensity of 100 firms over 2022-23
	B. Change in energy use intensity across sectors over 2022-23
5.8	Trends in Renewable Energy in Total Energy Consumption
	A. Change in the share of renewable energy in total
	energy consumption of 100 firms over 2022-23
	B. Change in the share of renewable energy in total
<b>5</b> 0	energy consumption across sectors over 2022-23
5.9	Trends in Water Consumption Intensity
	A. Change in water consumption intensity (per rupee of turnover) by 100 firms over 2022-23
	B. Change in water consumption intensity (per rupee of turnover) across sectors over 2022-23
5.10	Trends in Recycled/Recovered Waste in Total Waste Generated
	A. Change in the share of recycled/recovered waste in
	total waste generated by 100 firms over 2022-23
	B. Change in the share of recycled/recovered waste in total
	waste generated across sectors over 2022-23
5.11	Share of Inputs Sourced Sustainably by 100 Companies
	(Data labels show the number of companies)
5.12	Trends in R&D and Capex Investment on ESG
	A. Change in share of R&D investment on ESG by 100 firms over 2022-23
	B. Change in share of Capex investment on ESG by 100 firms over 2022-23
5.13	ESG Rating and Change in ESG Rating (2019-23)
	A. ESG rating of top 100 BSE manufacturing companies by MSCI
	[Latest data: 2024 (24 companies), 2023 (47 companies)]
	B. Change in ESG rating by MSCI of top 100 BSE manufacturing companies (2019-23)
6.1	Share of MSMEs in All-India Gross Value Added and Export
6.2	Growth Rates of Output of MSME Sector and Overall Industry
6.3	Distribution of MSMEs across Top 20 States (as % of Total Firms)
6.4	Distribution of MSMEs across Activities (as % of Total Firms)
6.5	Major Challenges Faced by MSMEs in India, (as % of Total Firms)
6.6	Structure of Overall Imports According to Use-Based Classification
6.7	Import Share by Use-Based Classification for India's Manufacturing Sector
6.8	Distribution of Startups across Industries (Top 20 Industries)
6.9	Distribution of Startups across States (Top 20 States)
6.10	Distribution of Startups across Cities (Top 20 Cities)
6.11	Challenges Faced by Startups in India (%)
7.1	Share of Manufacturing in Gross State Domestic Products (GSDP), 2021-22
7.1	Share of Manufacturing Employment in State's Total Employment, 2022-23
7.2	Key Factors Explaining Inter-State Variation in Per Capita Manufacturing Output
7.3 7.4	Scatter Plots showing Correlations between Share of Manufacturing
/ . <del>T</del>	in State GSDP (2017-22) and A. Infrastructure; B. Transport Connectivity;
	C. Export Diversification; D. Access to Finance

8.1	Share of Organized and Unorganized Sectors in T&G Industries	135
8.2	Global End-Use Demand for Textile Fibres	
8.3	Share in India's T&G Exports	
8.4	T&G Exports by HS 6-Digit Codes, 2021–22	
8.5	Export Trend in Food Processing in India	
8.6	Contribution of Registered and Unregistered Food Processing Sectors (%), 2021–22	
8.7	Gross Value Added Share of Food Processing Sub-Sectors, 2010–11 and 2021–22	
8.8 8.9	Consumption of Gold Jewellery (tonnes)	
8.10	Trade Deficit in Toy Sector	
8.11	China's Share in Total Toy Imports of India	
8.12	Share of Organized and Unorganized Manufacturing in Toy Sector	
8.13	Number of Countries to Which India Exports Its Vaccines	
8.14	Structure of Non-Electrical Machinery Industry (%), 1991–2021	
	, , , , , , , , , , , , , , , , , , ,	
	TABLES	
1.1	Projected Value Added in Manufacturing	. 15
2.1	Decomposition of Labour Productivity by Technology-intensity (1991-2020) (%)	. 29
4.1	Readiness Toward the Use, Adoption and Adaptation of Frontier Technologies (Rankings)	. 68
6.1	Changing Landscape of MSMEs	102
6.2	Import Penetration in Domestic Market Production in Consumer Goods	103
6.3	Recent Key Policy Initiatives for MSMEs	105
6.4	Awareness of Select Government Schemes	109
7.1	Indices of State Performance	122
7.2	Components of the Infrastructure Index – State-wise	
7.3	Districts Covered Under Corridors	
8.1	Major World Exporters in Toys, Games and Sports Goods Sector	
8.2	Exports and Imports of Chemicals and Chemical Products (Rs. crore)	
8.3	Production of Major Chemicals and Petro-Chemicals (000' MT)	
8.4	Non-electrical Machinery Sector: Growth and Share (%), 1991-2021	
8.5	Trade and Employment in the Non-electrical Machinery Sector, 1991-2021	
0.0	Trade and Employment in the Ivon electrical fractimetry occool, 1991 2021	100
	BOXES	
1.1	Slowbalisation: A Changed External Context for Industrialisation	5
1.2	The Rationale for Public Intervention in Industrial Development	8
2.1	Premature Deindustrialization and Hollowing-Out of Indian Industry:	0.5
0.4	Evidence from Rising Share of Imports in Final Demand	
3.1	India Strategy Critical for MNCs	
4.1	Various Government Schemes	
5.1	Sustainability Practices in the Tiruppur Knitting Cluster	. 84
5.2	Indian Companies in the Sustainability Hall of Fame	. 91
6.1	Defining MSMEs	100
6.2	Implementation of ODOP Scheme in Uttar Pradesh	106
6.3	Success Stories of ODOP from Across India	108
6.4	Moradabad Metal Craft Cluster	109
8.1	Key Participants in India's Evolving Semiconductor Ecosystem	154

LIST OF FIGURES, TABLES AND BOXES