

निजी क्षेत्र के कैपेक्स निवेश लक्ष्यों पर दूरदर्शी सर्वेक्षण के निष्कर्षों पर पुस्तिका

BOOKLET ON THE FINDINGS OF THE FORWARD-LOOKING SURVEY ON PRIVATE SECTOR CAPEX INVESTMENT INTENTIONS

सर्वेक्षण अवधिः नवंबर 2024 - जनवरी 2025 SURVEY PERIOD: NOVEMBER 2024 - JANUARY 2025)



भारत सरकार Government of India सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय Ministry of Statistics and Programme Implementation राष्ट्रीय सांख्यिकी कार्यालय National Statistics Office









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Booklet on the Findings of the

Forward-Looking Survey on Private Sector CAPEX Investment Intentions

(सर्वेक्षण अवधि: नवंबर 2024-जनवरी 2025) (Survey period: November 2024 – January 2025)



भारत सरकार

Government of India सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय Ministry of Statistics and Programme Implementation राष्ट्रीय सांख्यिकी कार्यालय National Statistics Office

प्रस्तावना



राष्ट्रीय सांख्यिकी कार्यालय (एन.एस.ओ.) ने नवंबर 2024 से जनवरी 2025 तक निजी कॉर्पोरेट क्षेत्र के कैपेक्स निवेश लक्ष्यों पर अपना पहला दूरदर्शी सर्वेक्षण संचालित किया। सर्वेक्षण के निष्कर्षों को एक प्स्तिका के रूप में जारी किया जा रहा है।

एन.एस.ओ. के घरेलू सर्वेक्षण प्रभाग के द्वारा सर्वेक्षण उपकरणों को विकसित करने की जिम्मेदारी थी जबिक उद्यम सर्वेक्षण प्रभाग ने उद्यमों द्वारा स्व-संकलन को सुलभ बनाने हेतु उन्नत विशेषताओं युक्त सॉफ्टवेयर विकास करने के साथ ही साथ आंकड़ा विधायन, सारणीकरण और रिपोर्ट तैयार करने के कार्य को संभाला। क्षेत्र संकार्य प्रभाग ने उद्यमों को नोटिस जारी किए और समय पर आंकड़ा प्रस्तुत करने के लिए उद्यमों के साथ समन्वय किया। समन्वय एवं गुणवता नियंत्रण प्रभाग ने सर्वेक्षण से संबंधित विभिन्न कार्यकलापों का समन्वय किया। उपरोक्त सभी का जीवंत समन्वय इस पुस्तिका का सार है।

मैं कॉरपोरेट कार्य मंत्रालय की आभारी हूँ जिन्होंने उद्यमों का प्रतिचयन फ्रेम तैयार करने के लिए महत्वपूर्ण जानकारी प्रदान की। सर्वेक्षण की योजना और अभिकल्प में उनके महत्वपूर्ण योगदान के लिए आर्थिक कार्य विभाग, भारतीय रिज़र्व बैंक और राष्ट्रीय लेखा प्रभाग, एन.एस.ओ., सांख्यिकी एवं कार्यक्रम कार्यान्वयन मंत्रालय का भी आभार व्यक्त करती हूँ। मैं सर्वेक्षण के सभी चरणों में उनके मूल्यवान मार्गदर्शन के लिए तकनीकी सलाहकार समूह, राष्ट्रीय प्रतिदर्श सर्वेक्षण की परिचालन समिति और राष्ट्रीय सांख्यिकी आयोग के सदस्यों का हार्दिक धन्यवाद करती हूँ।

इस सर्वेक्षण का प्रारंभिक चरण एकयोगिक चरण के रूप में माना जा सकता है,प्रश्नावली, कार्य प्रणाली, आकलन प्रक्रियाओं और समग्र क्रियान्वयन को परिष्कृत करने के लिए अहम्अंतर्दृष्टि प्रदान करता है। इससे प्राप्त अनुभव सर्वेक्षण प्रक्रिया के विभिन्न पहलुओं में आवश्यक समायोजन के पश्चात् भविष्य के सर्वेक्षणों में सुधार हेतु मार्गदर्शन करेंगे।

मैं इस सर्वेक्षण के लिए डेटा उपलब्ध कराने वाले सभी उद्यमों के प्रति अपना हृदयगत आभार व्यक्त करती हूँ । मुझे आशा है कि यह पुस्तिका योजनाकारों, नीति निर्माताओं, शिक्षाविदों और शोधकर्ताओं के लिए उपयोगी साबित होगी। इसकी विषय-वस्तु और कवरेज में सुधार हेतु सुझावों का स्वागत है ।

नई दिल्ली अप्रैल. 2025 महार्गि

गीता सिंह राठौर महानिदेश (एन.एस.एस.)





National Statistics Office (NSO) conducted its first Forward-Looking Survey on Private Corporate Sector Capex Investment Intentions from November 2024 to January 2025. The findings of the survey have been brought out in the form of a booklet.

The Household Survey Division (HSD) of NSO was responsible for developing survey instruments, while the Enterprise Survey Division (EnSD) handled software development with enhanced features to facilitate self-compilation by enterprises, as well as data processing, tabulation, and report preparation. Field Operations Division (FOD) issued notices to the enterprises and coordinated with the enterprises for timely submission of data. The Coordination and Quality Control Division (CQCD) coordinated various activities pertaining to the survey. The vibrant sync of the aforesaid sums up this booklet.

I thank the Ministry of Corporate Affairs (MCA) for providing crucial data for the sampling frame, and acknowledge the contributions of the Department of Economic Affairs (DEA), Reserve Bank of India (RBI), and the National Accounts Division, NSO, MoSPI in survey planning and design. I also express profound gratitude towards the members of Technical Advisory Group, Steering Committee for NSS and National Statistical Commission (NSC) for their valuable guidance throughout all stages of survey.

This initial round of the survey can be considered as an experimental phase, providing valuable insights to refine the questionnaire, methodology, estimation processes, and overall implementation. The lessons learned will guide improvements for future surveys, with necessary adjustments to various aspects of the survey process.

I record my sincere appreciation for all the enterprises that provided data for this survey. I hope this booklet will be useful to the planners, policy makers, academics and researchers. Suggestions for improvement of its content and coverage are most welcome.

New Delhi April, 2025 Geeta Singh Rathore Director General (NSS)

कैपेक्स सर्वेक्षण के महत्वपूर्ण निष्कर्ष

निजी क्षेत्र के CAPEX निवेश लक्ष्यों पर दूरदर्शी सर्वेक्षण पिछले तीन वर्षी (2021-22, 2022-23 और 2023-24) के रुझानों और चालू वर्ष (2024-25) और अगले वर्ष (2025-26) के अनुमानों का विश्लेषण करते हुए निजी कॉर्पोरेट क्षेत्र के उद्यमों से पूंजीगत व्यय (CAPEX) पर डेटा एकत्र करता है।

सर्वेक्षित उद्यम 3,064 (सेंसस क्षेत्र -2,368 और सैम्पल क्षेत्र -696)



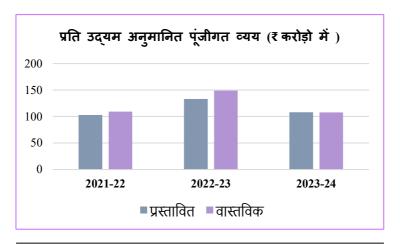


सभी पांच वर्षों के लिए कैपेक्स की सूचना देने वाले उद्यमों के गैर-भारित आंकड़ों के आधार पर सकल कैपेक्स (₹करोड़ में)

2021-22	2022-23	2023-24	2024-25	2025-26
394,681.5	572,199.7	422,183.3	656,492.7	488,865.5

सकल कैपेक्स पांच साल के संदर्भ अविध (2021-22 से 2025-26) में 23.9% की दर से बढ़ा ।

प्रति उद्यम अनुमानित सकल अचल संपत्ति (GFA)							
2021-22	2022-23	2023-24					
₹3,151.9	₹3,279.4	₹4,183.3					
करोड़	करोड़	करोड़					



अनुमानित पूंजीगत व्यय में उच्चतम शीर्ष तीन क्षेत्र (2024-25)	हिस्सेदारी वाले
विनिर्माण	43.8%
सूचना एवं संचार कार्यकलाप	15.6%
परिवहन और भण्डारण	14.0%



नई परिसंपति अर्जित करने के लिए प्रति उद्यम अनुमानित अनंतिम पूंजीगत व्यय 2024-25 में ₹172.2 करोड है

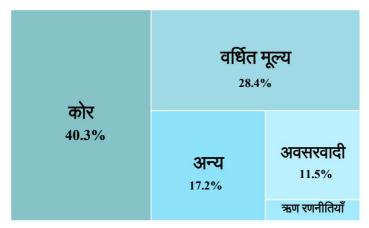


2024-25 में पूंजीगत व्यय के लिए प्रस्तावित शीर्षस्थ सबसे विशिष्ट संपत्ति

मशीनरी एवं उपकरण (53.1%) आवास, अन्य इमारतें और संरचनाएं (9.7%) अन्य अमूर्त परिसंपत्तियां/बौद्धिक संपदा उत्पाद (5.8%)

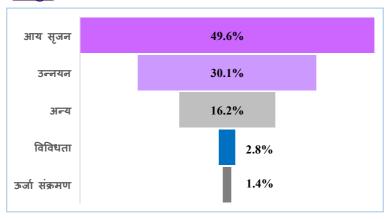


2024-25 में निवेश रणनीति के अनुसार उद्यमों का वितरण





2024-25 में निवेश के उद्देश्यों के अनुसार उद्यमों का वितरण



Important Findings of CAPEX Survey

The Forward-Looking Survey on Private Sector CAPEX Investment Intentions collects data on capital expenditures (CAPEX) from private corporate sector enterprises, analysing trends from the past three years (2021-22, 2022-23 & 2023-24) and projections for current year (2024-25) and next year (2025-26).

Surveyed enterprises 3,064 (Census sector – 2,368 & Sample sector -696)



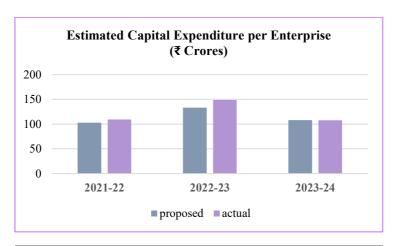


Aggregate CAPEX (in ₹ Crore) based on unweighted data of enterprises that reported CAPEX for all the five years

2021-22	2022-23	2023-24	2024-25	2025-26
394,681.5	572,199.7	422,183.3	656,492.7	488,865.5

Aggregate CAPEX grew at a rate of 23.9% during the five years reference period (2021-22 to 2025-26).

Estimated Gross Fixed Asset (GFA) per						
enterprise						
2021-22	2022-23	2023-24				
₹3,151.9	₹3,279.4	₹4,183.3				
crore	crore	crore				



Top three sectors with highest share in project capital expenditure (2024-25)	ected
Manufacturing	43.8%
Information and Communication Activities	15.6%
Transportation & storage	14.0%



The estimated provisional capital expenditure per enterprise for acquiring new assets is ₹172.2 crore in 2024-25



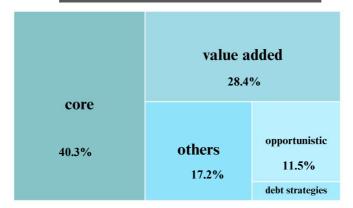
Top most distinct assets proposed for capital expenditure in 2024-25

Machinery and Equipment (53.1%)

Dwelling, other buildings and structures (9.7%) other intangible assets / intellectual property products (5.8%)

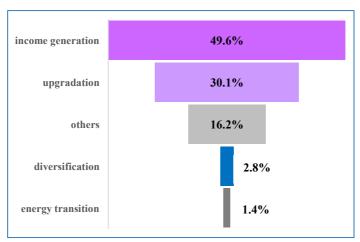


Distribution of enterprises by investment strategy in 2024-25





Distribution of enterprises by main objectives of investment in 2024-25



Contents

Section		Page No.
1. Intro	oduction	1
2. Refe	erence Period	2
3. Surv	vey Frame	2
4. Sam	pling Methodology	3
5. Met	hodology for Data Collection	4
6. Estin	mation Procedure	5
7. Key	advantages of the Survey	6
8. Exp	erience and way-forward	7
9. Note	e to the Users	8
10. Sum	mary of Findings	10
C	Unweighted aggregate based on sponses of enterprises that reported APEX for all the five years (2021-22 to)25-26)	11
	Estimated (weighted) key dicators by Activity Categories and Asset roup	19
Annexu	ires	
I.	Enterprises allotted, surveyed, casualties and non-response	A-1 to A-5
II.	Concepts & Definitions	B-1 to B-8
III.	Questionnaire of Survey	C-1 to C-15
IV.	List of NIC – 2008 included in the survey	D-1 to D-4
V.	Estimation Procedure	E-1 to E-4

1. Introduction

The Parliamentary Standing Committee on Finance has recommended conducting forward-looking surveys to gather data on private sector capital expenditure (CAPEX) intentions. In response, the Ministry of Statistics and Programme Implementation (MoSPI) designed survey instruments and appropriate methodology for a forward-looking survey on private sector CAPEX intentions in alignment with the specifications of the Department of Economic Affairs (DEA).

The National Statistics Office conducted its first-ever *Forward-Looking Survey on Private Sector CAPEX Investment Intentions* to gather data on capital expenditures (CAPEX) from private corporate sector enterprises. The data was collected over three months starting from November 2024 to January 2025. A fully online survey conducted on a dedicated web portal followed an enterprise approach to collect the requisite information through self-compilation from the respondents.

The survey covers CAPEX trends over the past three years (2021-22, 2022-23, 2023-24) and projections for the next two years (2024-25, 2025-26). These insights aim to support informed decision-making for industry, businesses, and government.

2. Reference Period

The survey gathered information on capital expenditure investment intentions of the private corporate sector, including both financial and non-financial, for the financial years 2024-25 and 2025-26. It also captured data on past capital investments made by enterprises over the last three years (2021-22, 2022-23, 2023-24).

3. Survey Frame

The survey focused exclusively on larger private corporate sector enterprises with substantial contributions in their respective sectors. The survey frame was derived from active enterprises listed in the Ministry of Corporate Affairs (MCA) database, meeting specific annual turnover criteria in at least one of the last three financial years. The qualifying thresholds were:

- Manufacturing Enterprises: ₹400 crore or more in annual turnover.
- Trade Enterprises: ₹300 crore or more in annual turnover.
- Other Enterprises: ₹100 crore or more in annual turnover.

The survey frame comprised of 16,025 enterprises.

4. Sampling Methodology

The eligible enterprises were first categorized into seventeen (17) strata based on their Principal Business Activity, as reported in the MGT-7 Form of the Ministry of Corporate Affairs (MCA). The selection process was as follows:

Stratum with 100 or fewer enterprises: all were included in the survey.

Strata with more than 100 Enterprises: These were further divided into two sectors:

Census Sector Enterprises

For identifying enterprises qualifying for complete enumeration, units were sorted into two separate lists:

- (i) Descending order of the highest asset value recorded in the past three years
- (ii) Descending order of asset value in the latest reported year

From these lists, the top enterprises accounting for 90% of total asset value (or 80% in the case of Construction and Trade) were selected as Census List 1 and Census List 2. An enterprise was classified under the Census Sector if it appeared in either list.

Sample Sector Enterprises

Enterprises not included in the Census Sector were classified as Sample Sector Enterprises. From this group, 10% were randomly selected using Simple Random Sampling without Replacement (SRSWOR) for data collection in the survey. It is then allocated to different strata in proportion to the strata size and strata variation. The survey covered a total of 5,380 enterprises: 4,145 enterprises in the Census Sector and 1,235 enterprises in sample sector.

5. Methodology for Data Collection

The survey was conducted under the provisions of the Collection of Statistics Act, 2008. Notices were issued to all selected enterprises in advance explaining the objective of the survey and the purposes for which survey results will be used. Enterprises were assured of the confidentiality of their individual data, and that unit-level information will not be disseminated.

While disseminating the survey results, care has been taken not to release any information, which could identify the enterprise that has furnished it. While releasing the results, adequate measures are applied to prevent the publication or disclosure of any information deemed confidential. To protect the confidentiality of CAPEX investment plans

of individual enterprises, the Steering Committee of NSS Surveys recommended that unit-level data of CAPEX survey would not be disseminated.

A dedicated web portal featuring secure user authentication was developed for facilitating self-compilation and submission of the survey questionnaire by selected enterprises. The background of the survey and reason why a specific unit was selected for the survey were explained in the home page. Chat-bot assistance was provided to help respondents in understanding key concepts and definitions used in the survey.

6. Estimation Procedure

Estimated total of aggregates from the survey was calculated as the sum of Census sector aggregate and estimate of Sample Sector aggregate. For estimating the sample sector aggregates, the ratio of 'total allotment of enterprises in the stratum' to 'actual number of surveyed enterprises in the stratum' has been used as sample sector weights.

As the response rate in census sector was moderate (58.6%), the census sector estimates were adjusted by calibrating the estimates using annual turnover (as available from the frame) as auxiliary variable as given below:

Detailed estimation procedure is in Annexure-V.

7. Key advantages of the Survey

Capital expenditure (CAPEX) is a key driver of national investment, contributing significantly to the accumulation of physical assets within the economy. By facilitating the creation of long-term assets, CAPEX not only generates sustained revenue streams but also enhances the efficiency and productivity of economic operations. It plays a pivotal role in expanding production capacity and acts as a catalyst for accelerated economic growth, which in turn promotes job creation and boosts labour productivity.

Having access to comprehensive information on CAPEX will greatly benefit a diverse group of stakeholders including government agencies, private sector firms, industry associations, researchers, and other relevant organizations. Such information will support evidence-based policymaking by enabling the analysis of future investment trends. Moreover, a clear understanding of CAPEX patterns and magnitude will empower enterprises to make informed, strategic investment decisions, leveraging insights derived from the survey findings.

8. Experience and way-forward

Notices under Collection of Statistics Act, 2008 were sent to selected enterprises outlining the survey's objectives and assuring confidentiality of the information provided. However, several enterprises expressed concerns regarding the authenticity of the notices, particularly due to the inclusion of portal login credentials, which raised apprehensions related to cyber security. Explaining the portal's functionality and submission procedures over phone calls proved to be a significant challenge.

The data analysis highlighted several issues, including incorrect unit entries, e.g. reporting figures in Rupees instead of Rupees in thousands and a lack of response to follow-up queries. Enterprises also encountered difficulties in accurately selecting appropriate National Industrial Classification (NIC) codes and in projecting future investment figures, especially in the absence of official data sources.

While the response rate and results were generally promising, this initial round of the survey can be considered as an experimental phase, providing valuable insights to refine the questionnaire, methodology, estimation processes, and overall implementation. Looking ahead, greater emphasis will be placed on proactive engagement with participating enterprises prior to the survey. Efforts will be made to address concerns regarding the credibility of the online survey, provide guidance on interpreting the questionnaire, and ensure the confidentiality of individual responses.

To enrich the findings, future surveys will also incorporate qualitative inputs, such as explanations for year-on-year variations in investment, offering a more nuanced understanding of enterprise-level CAPEX intentions and trends.

9. Note to the Users

NSO's first-ever initiative to engage the corporate sector through a self-reporting survey powered by a dedicated web portal and chatbot assistance also marks its inaugural effort to gather data on future investment intentions. While industry participation showed variability, the survey successfully achieved an overall response rate of 58.3% (58.6% in the census sector and 57.2% in the sample sector).

Out of the total 3,064 surveyed enterprises, 2,172 enterprises reported CAPEX intentions for 2025–26. The data suggests a measured approach by respondents in declaring capital expenditure plans, with some enterprises indicating that final figures were not yet available or pending management approval at the time of the survey.

It is important to note that certain enterprises, such as some Special Purpose Vehicles (SPVs) involved in activities like road construction, often make substantial capital investments but do not report any turnover. Consequently, although they belong to the corporate sector, these entities fall outside the scope of the survey. Conversely, SPVs

within the construction sector that are part of the survey frame may lack future investment intentions due to the completion of their projects.

It may be noted that all results presented in this booklet pertain to larger enterprises with turnover exceeding the specified thresholds under survey frame. Therefore, these results do not represent the entire private corporate sector, and users should consider these constraints while interpreting the result.

10. Summary of Findings

The findings of the survey are presented in two sections:

- (i) Aggregated responses from 2,172 enterprises that reported investment intentions for both 2024–25 and 2025–26, along with data for the preceding three years—2021–22, 2022–23, and 2023–24 is presented in Table-1 of Section 10.1. No weights have been applied in this section for either the census or sample sectors. Rest of the tables in this section are also generated based on sample counts (i.e. without use of weights).
- (ii) Section-10.2 provides estimates of key indicators derived from the survey data, with results presented separately for each activity category and asset group. Estimated per-enterprise figures are provided for the years 2021–22 through 2024–25. The methodology used for estimation in this section is detailed in Annexure-V.

10.1 Unweighted aggregate based on responses of enterprises that reported CAPEX for all the five years (2021-22 to 2025-26)

This section presents aggregated CAPEX figures by activity category, based on data submitted by a panel of enterprises that consistently reported for all five reference years (2021–22 to 2025–26). The figures represent aggregates as reported by the enterprises under different asset categories, without the application of any estimation weights. Based on the data presented in Table-1, aggregate CAPEX shows an overall increase of 23.9% over the five-year period (2021-22 to 2025-26).

Table 1: Aggregate value¹ (in ₹ Crore) of Capital Expenditure during 2021-22 to 2025-26

activity description	actual capital expenditure in 2021-22	actual capital expenditure in 2022-23	actual capital expenditure in 2023-24	intended CAPEX to purchase of new assets in 2024-25	intended CAPEX to purchase of new assets in 2025-26	no. of enterprises
agriculture, forestry, and fishing	1,257.7	1,534.3	1,569.3	4,394.7	1,433.0	46
mining and quarrying	5,388.7	5,501.0	6,590.9	12,494.9	13,933.4	31
manufacturing	128,912.1	130,733.5	125,360.0	150,385.1	210,859.6	588
electricity, gas, steam, air conditioning supply	5,839.5	8,914.0	8,414.1	11,856.2	16,265.8	37
water supply, sewerage, waste management and remediation activities	467.7	739.7	882.4	375.2	573.4	26
construction	12,356.4	16,733.2	17,992.9	9,681.5	20,454.9	164
wholesale and retail trade and repair of motor vehicles and motorcycles	20,001.5	24,661.9	21,508.5	46,016.8	19,055.7	193
transportation and storage	10,864.1	13,253.5	19,600.0	135,659.8	23,478.0	116
accommodation and Food service activities	1,354.9	2,731.9	2,815.1	2,445.0	3,036.4	35

¹ No weights are used.

Table 1: Aggregate value¹ (in ₹ Crore) of Capital Expenditure during 2021-22 to 2025-26

activity description	actual capital expenditure in 2021-22	actual capital expenditure in 2022-23	actual capital expenditure in 2023-24	intended CAPEX to purchase of new assets in 2024-25	intended CAPEX to purchase of new assets in 2025-26	no. of enterprises
information and communication	128,214.0	212,180.3	105,208.3	153,739.5	109,631.8	258
financial and insurance activities	3,966.7	9,511.6	7,267.7	8,517.4	8,095.1	188
real estate activities	12,326.9	15,548.4	18,017.8	31,927.1	18,251.4	128
professional, scientific, and technical activities	15,540.9	27,151.1	18,837.0	18,435.9	17,244.9	118
administrative and support service activities	14,351.1	53,840.7	4,747.3	5,179.0	5,485.9	46
education	1,731.3	2,095.2	1,123.3	840.3	1,472.1	37
human health, and social work activities	27,011.4	30,771.6	43,849.6	16,622.1	17,088.6	100
arts, entertainment and recreation, other service activities n.e.c.	5,096.5	16,297.6	18,399.1	47,922.3	2,505.6	61
all	394,681.5	572,199.7	422,183.3	656,492.7	488,865.5	2172

10.1.1 Percentage of enterprises intending to incur capital expenditure in 2024-25 & 2025-26, categorized by sector/industry receiving the investment

According to the survey, enterprises were asked to specify the sector/industry where their provisional CAPEX for 2024-25 and proposed CAPEX for 2025-26 is allocated, along with percentage share for each.

The key sectors projected to attract the highest capital expenditure (CAPEX) from the private corporate sector in 2024–25 and 2025–26 include manufacturing, which will account for nearly 29% of enterprises. This is followed by information and communication at around 14%, wholesale and retail trade (including motor vehicle and motorcycle repair) at approximately 9%, and construction, which is projected to receive capital investment from about 10% of the enterprises.

It may be noted that the percentages presented in Table-2 are calculated based on sample counts.

Table 2: Percentage of enterprises which intended to incur capital expenditure in 2024-25 and 2025-26 by range of expenditure (in %) for each sector/ industry receiving the investment²

	2024-25				2025-26					
activity description ³	0 - 20%	20% - 50%	50% - 80%	80% - 100%	all	0 - 20%	20% - 50%	50% - 80%	80% - 100%	all
agriculture, forestry, and fishing	0.04	0.18	0.00	2.07	2.28	0.09	0.05	0.05	2.12	2.30
mining and quarrying	0.25	0.18	0.15	1.27	1.85	0.09	0.18	0.14	1.29	1.70
manufacturing	0.58	0.80	1.38	26.29	29.04	0.69	0.97	1.29	26.24	29.19
electricity, gas, steam, air conditioning supply	0.76	0.18	0.15	1.99	3.08	0.83	0.14	0.05	1.61	2.62
water supply, sewerage, waste management and remediation activities	0.33	0.22	0.04	1.31	1.89	0.28	0.14	0.14	1.10	1.66
construction	1.16	0.76	0.65	7.07	9.64	1.24	1.01	0.60	7.18	10.04
wholesale and retail trade and repair of motor vehicles and motorcycles	0.44	0.36	0.18	7.87	8.85	0.60	0.28	0.14	7.55	8.56
transportation and storage	0.69	0.11	0.18	5.47	6.45	0.51	0.14	0.18	5.11	5.94
accommodation and Food service activities	0.25	0.29	0.00	1.45	1.99	0.28	0.14	0.00	1.70	2.12

³The rows of the table are not additive, as a single enterprise may allocate investments across multiple sectors.

Table 2: Percentage of enterprises which intended to incur capital expenditure in 2024-25 and 2025-26 by range of expenditure (in %) for each sector/ industry receiving the investment²

	2024-25					2025-26				
activity description ³	0 - 20%	20% - 50%	50% - 80%	80% - 100%	all	0 - 20%	20% - 50%	50% - 80%	80% - 100%	all
information and communication	1.23	0.73	0.33	11.35	13.63	1.10	0.46	0.60	11.88	14.04
financial and insurance activities	0.25	0.07	0.15	7.43	7.90	0.14	0.14	0.18	7.50	7.97
real estate activities	0.29	0.47	0.25	6.06	7.07	0.28	0.51	0.23	5.39	6.40
professional, scientific, and technical activities	0.47	0.36	0.18	4.82	5.84	0.64	0.37	0.23	4.93	6.17
administrative and support service activities	0.36	0.18	0.04	1.96	2.54	0.28	0.23	0.05	2.03	2.58
education	0.00	0.04	0.11	1.49	1.63	0.05	0.00	0.18	1.52	1.75
human health, and social work activities	0.22	0.04	0.04	4.02	4.31	0.18	0.05	0.00	4.60	4.83
arts, entertainment and recreation, other service activities n.e.c.	0.36	0.33	0.07	3.12	3.88	0.32	0.23	0.05	3.08	3.68

10.1.2 Percentage distribution of enterprises which have not reported capital expenditure in 2025-26 by reasons of not reporting for each principal/ main activity category

The over-all non-response in the survey with regard to furnishing information on the intended capital expenditure for the year 2025-26 was 29%⁴. Whenever an enterprise is not reporting the intended capital expenditure for the year 2025-26, there was a provision to report the reason for the same (Table 3)

According to the survey 43.2%⁵ of the enterprises that have not reported capital expenditure for the year 2025-26 are because no capital expenditure is intended to be incurred during the period (i.e. zero capital expenditure for 2025-26 is proposed at the time of reporting).

The remaining enterprises, which did not report a figure against the year are expected to make some capital expenditure for 2025-26 but the proposed figure was not available at the time of reporting. However, around 20.2% indicated that the capital expenditure for 2025-26 expected to be at the same level as 2024-25. Another 32.5% planned to have more CAPEX in 2025-26 than the previous year. And the remaining 4.1% planned to have a lower CAPEX than 2024-25.

⁴Out of 3064 surveyed enterprises, 2172 enterprises reported CAPEX for 2025-26.

⁵ All percentages in this section are calculated based on sample count.

Table 3: Percentage distribution of enterprises who have not reported capital expenditure in 2025-26 by reasons for each principal/ main activity category

	zero	figures are not available but plans are for					
activity description	capital expendi ture	no change in capital expenditure	increase in capital expendi -ture	decrease in capital expendi -ture	all		
agriculture, forestry, and fishing	36.84	26.32	36.84	0.00	100		
mining and quarrying	66.67	0.00	33.33	0.00	100		
manufacturing	25.93	20.11	51.32	2.65	100		
electricity, gas, steam, air conditioning supply	65.31	22.45	12.24	0.00	100		
water supply, sewerage, waste management and remediation activities	35.00	15.00	50.00	0.00	100		
construction	66.10	15.25	14.41	4.24	100		
wholesale and retail trade and repair of motor vehicles and motorcycles	46.39	18.56	30.93	4.12	100		
transportation and storage	38.98	22.03	33.90	5.08	100		
accommodation and Food service activities	40.00	10.00	50.00	0.00	100		
information and communication	29.17	26.39	37.50	6.94	100		
financial and insurance activities	55.00	18.75	20.00	6.25	100		
real estate activities	54.79	23.29	17.81	4.11	100		
professional, scientific, and technical activities	27.59	34.48	31.03	6.90	100		
administrative and support service activities	47.62	14.29	23.81	14.29	100		
education	10.00	30.00	60.00	0.00	100		
human health, and social work activities	8.33	0.00	75.00	16.67	100		
arts, entertainment and recreation, other service activities n.e.c.	34.48	27.59	37.93	0.00	100		
all	43.16	20.24	32.48	4.12	100		

10.2 Estimated (weighted) key indicators by Activity Categories and Asset Group

This section presents estimates of key indicators derived from the survey data, disaggregated by activity category and asset group. Estimated per-enterprise figures are provided for the years 2021–22 to 2024–25. The weights derived through the estimation procedure (Annexure-V) have been used in all the results presented in Section 10.2.

10.2.1 Estimated Gross Fixed Assets per enterprise

Average Gross fixed asset⁶ (GFA) per enterprise in private corporate sector was estimated to be ₹3,151.9 crore in 2021-22. Average GFA per enterprise grew by 4.0% to reach ₹3,279.4 crore in 2022-23 and thereafter by 27.6% to reach ₹4,183.3 crore in 2023-24 (Table 4).

GFA per enterprise was highest (more than ₹14,000 crore) for the activity category 'electricity, gas, steam, air conditioning supply' followed by 'manufacturing' (between ₹7,000 to ₹10,000 crore) and 'transportation & storage' (between ₹2,000 to ₹5,000 crore).

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⁶ As on 31st March of last financial year

Enterprises principally engaged in manufacturing accounted for more than two-third of the total Gross fixed asset⁷ in private corporate sector over the past three years from 2021-22 to 2023-24.

Electricity, gas, steam, air conditioning supply (8% to 10% of the total share of GFA), information & communication (8% to 10% of the total share of GFA) and transportation & storage (5% to 8% of the total share of GFA) were the other sectors that reported next highest gross fixed capital in the past three years.

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⁷ The total corresponds to the survey frame, which includes only large enterprises with substantial turnover in their respective sectors.

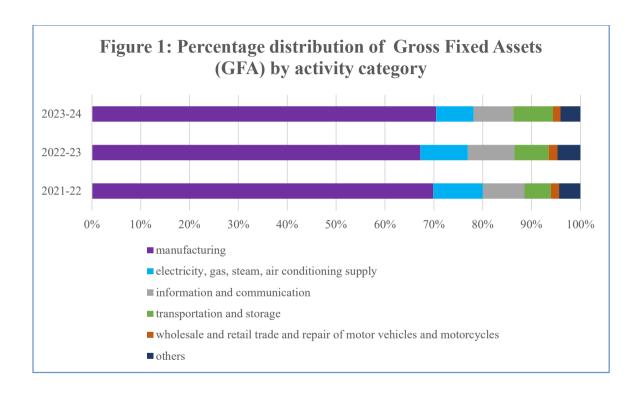


Table 4: Estimated Gross fixed asset per enterprise (₹ crore) and percentage distribution of gross fixed asset by activity category

	2021-22		2022-23		2023-24	
activity description	GFA per enter -prise	% distribu tion	GFA per enter -prise	% distrib ution	GFA per enter -prise	% distrib ution
agriculture, forestry, and fishing	1,098.7	0.39	1,155.8	0.39	1,181.2	0.31
mining and quarrying	817.0	0.24	930.9	0.26	1,039.7	0.23
manufacturing	7,422.0	69.88	7,473.1	67.23	9,966.5	70.46
electricity, gas, steam, air conditioning supply	14,429.4	10.14	14,540.7	9.73	14,652.1	7.68
water supply, sewerage, waste management and remediation activities	109.3	0.02	124.9	0.03	144.1	0.02
construction	242.2	0.92	273.4	1.01	350.3	1.02
wholesale and retail trade and repair of motor vehicles and motorcycles	388.9	1.68	429.6	1.8	472.0	1.54
transportation and storage	2,489.2	5.42	3,327.9	7.01	4,923.4	8.12
accommodation and Food service activities	407.7	0.14	432.1	0.14	461.9	0.12
information and communication	2,431.5	8.52	2,858.7	9.53	3,108.8	8.12
financial and insurance activities	52.1	0.12	59.1	0.13	70.3	0.12
real estate activities	616.5	0.47	675.5	0.49	730.5	0.42
professional, scientific, and technical activities	1,466.3	0.72	1,475.0	0.75	1,500.2	0.59
administrative and support service activities	215.4	0.31	294.1	0.41	294.8	0.32
education	134.2	0.03	168.7	0.03	214.9	0.03
human health, and social work activities	1,205.2	0.73	1,357.1	0.79	1,466.1	0.66
arts, entertainment and recreation, other service activities n.e.c.	355.9	0.26	395.1	0.27	418.4	0.23
all	3,151.9	100	3,279.4	100	4,183.3	100

Sample size: 3032 (2021-22), 3057 (2022-23), 3062 (2023-24)

10.2.2 Estimated value of proposed and actual capital expenditure per enterprise in 2021-22 to 2023-24

The survey collected information on proposed capital expenditure and actual capital expenditure incurred by the enterprises for each of the past three financial years.

During the year 2021-22, the proposed capital expenditure per enterprise in the private corporate sector was ₹102.7 crore, however actually incurred was more than that (₹109.3 crore). The realization ratio was 111.9% against the proposed capital expenditure of ₹133.0 crore per enterprise in 2022-23 and 99.7% against the proposed capital expenditure per enterprise of ₹107.9 crore in 2023-24 (Table 5).

The actual capital expenditure per enterprise increased to ₹148.8 crore in 2022-23 from ₹109.3 crore in 2021-22 and thereafter decreased to ₹107.6 crore in 2023-24.

Among the activity categories, enterprises primarily engaged in 'electricity, gas, steam, air conditioning supply' had the lowest capital expenditure realization, hovers around 72% - 79% over the past three years. However, their proposed capital expenditure was higher across all three years (between ₹230 to ₹272 crore).

Table 5: Estimated value of proposed & actual capital expenditure per enterprise (₹ crore) for each principal/ main activity category

		2021-22			2022-23	}		2023-24	
activity description	propos ed	actual	RR (%)	propo sed	actual	RR (%)	propo sed	actual	RR (%)
agriculture, forestry, and fishing	19.0	25.5	134.33	24.4	33.1	135.51	26.0	37.2	143.47
mining and quarrying	127.9	136.2	106.51	131.1	145.2	110.75	147.3	160.1	108.71
manufacturing	164.4	171.5	104.32	118.9	131.9	110.93	141.3	125.2	88.59
electricity, gas, steam, air conditioning supply	271.5	197.4	72.73	229.5	180.3	78.55	249.8	178.8	71.56
water supply, sewerage, waste management and remediation activities	24.1	21.6	89.83	19.9	20.0	100.27	22.1	22.2	100.51
construction	47.9	40.2	83.79	68.4	66.4	97.07	85.8	85.4	99.48
wholesale and retail trade and repair of motor vehicles and motorcycles	57.1	62.7	109.91	60.6	68.9	113.73	44.2	53.3	120.51
transportation and storage	147.0	157.9	107.41	143.8	169.3	117.76	142.6	152.9	107.24
accommodation and Food service activities	12.6	18.6	148.47	28.5	40.9	143.47	32.0	37.7	118.03
information and communication	115.9	161.6	139.47	429.3	510.6	118.93	166.4	201.8	121.28
financial and insurance activities	9.1	10.7	117.94	17.3	20.8	120.19	17.5	19.2	109.18

Table 5: Estimated value of proposed & actual capital expenditure per enterprise (₹ crore) for each principal/ main activity category

		2021-22			2022-23		2023-24		
activity description	propos ed	actual	RR (%)	propo sed	actual	RR (%)	propo sed	actual	RR (%)
real estate activities	68.4	77.8	113.87	87.5	89.6	102.45	95.5	97.6	102.21
professional, scientific, and technical activities	106.3	112.5	105.89	166.0	172.3	103.81	116.0	126.1	108.7
administrative and support service activities	41.2	35.9	87.12	117.0	131.6	112.53	18.0	12.7	70.56
education	38.4	33.6	87.35	47.8	42.0	87.88	30.6	26.2	85.63
human health, and social work activities	160.8	164.3	102.18	184.8	189.1	102.32	271.5	265.6	97.81
arts, entertainment and recreation, other service activities n.e.c.	27.2	29.6	108.73	97.9	99.1	101.22	103.9	104.5	100.61
all	102.7	109.3	106.41	133.0	148.8	111.89	107.9	107.6	99.73

^{*} RR: - Realisation Ratio

10.2.3 Provisional capital expenditure incurred or intended to be incurred per enterprise to purchase new asset, second hand asset, improvement of existing asset and receipt from intended sale of assets in 2024-25

For each Activity Category

Along with the information on actual capital expenditure incurred during the past three years, the survey also collected information on the provisional figures for capital expenditure incurred or intended to be incurred for purchasing new assets during the current year (2024-25). However, the non-response, attributed to different reasons, for provisional/intended capital expenditure was nearly 10% for the year 2024-25. The estimates presented under this section need to be taken with caution in the context of higher non-response rates.

The estimated provisional capital expenditure per enterprise (incurred or intended to be incurred) for purchasing new assets is ₹172.2 crore for the year 2024-25 (Table 6).

Provisional capital expenditure incurred per enterprise in 2024-25 was the highest for enterprises principally engaged in 'mining &quarrying' activities (₹449.7 crore) followed by 'transport & storage' (₹371.4 crore). In the estimated provisional capital expenditure for 2024-25, manufacturing sector enterprises held the largest share at 43.8%,

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⁸A total of 2,758 enterprises reported CAPEX for the year 2024-25 whereas total surveyed enterprises in the survey was 3,064.

followed by enterprises in 'Information and Communication Activities' (15.6%) and 'Transportation and Storage Activities' (14.0%).

In addition to the information on capital expenditure for purchasing new assets, the survey also collected provisionally incurred expenditure in 2024-25 by the private corporate sector for purchasing second-hand assets and undertaking major improvement of existing assets. The receipts expected from the intended sale of fixed assets during these reference years were also captured.

In the year 2024-25, the average provisional expenditure incurred per enterprise for purchasing second-hand assets was estimated to be at ₹1.2 crore. The activity categories that have reported higher expenditure per enterprise for purchasing second-hand assets in 2024-25 were electricity, gas, steam, air conditioning supply (₹19.3 crore), transportation & storage (₹7.0 crore) and arts, entertainment and recreation, other service activities n.e.c. (₹2.5 crore). For majority of other activity categories, this expenditure was less than ₹1.0 crore per enterprise.

The provisional expenditure incurred by the private corporate sector in 2024-25 for undertaking major improvement of existing assets was 8.0 crore per enterprise. This is estimated to 4.7% of the capital expenditure per enterprise provisionally/intended to be incurred for purchasing new assets during the same year. The receipt expected per enterprise from intended sale of fixed assets was estimated at 15.0 crore in 2024-25.

Table 6: Estimated value of provisional capital expenditure per enterprise (in ₹ crore) incurred or intended to be incurred to purchase new asset, per enterprise expenditure (in ₹ crore) to purchase second-hand asset and perform major improvement of existing assets, receipts from intended sale (in ₹ crore) in 2024-25 for each principal/ main activity category

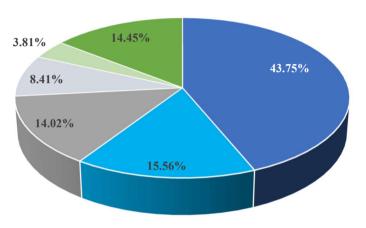
	to purchase	e new asset		per enterprise ly incurred for	receipts from
activity description	expenditure per enterprise provisionally incurred	% distribution of aggregate expenditure	purchase of second- hand assets	major improvement of existing assets	intended sale of fixed assets
agriculture, forestry, and fishing	34.8	0.24	0.1	11.2	0.2
mining and quarrying	449.7	2.62	0.1	1.3	4.5
manufacturing	238.0	43.75	0.3	2.8	43.0
electricity, gas, steam, air conditioning supply	172.4	1.72	19.3	1.6	2.1
water supply, sewerage, waste management and remediation activities	12.7	0.05	0.4	0.2	0.1
construction	18.9	1.27	0.0	0.4	1.3
wholesale and retail trade and repair of motor vehicles and motorcycles	113.2	8.41	1.9	5.9	0.9
transportation and storage	371.4	14.02	7.0	26.5	4.4
accommodation and Food service activities	38.4	0.20	0.6	4.1	1.8
information and communication	233.5	15.56	0.3	21.9	5.2

Table 6: Estimated value of provisional capital expenditure per enterprise (in ₹ crore) incurred or intended to be incurred to purchase new asset, per enterprise expenditure (in ₹ crore) to purchase second-hand asset and perform major improvement of existing assets, receipts from intended sale (in ₹ crore) in 2024-25 for each principal/ main activity category

	to purchase	e new asset	-	per enterprise ly incurred for	receipts from
activity description	expenditure per enterprise provisionally incurred	% distribution of aggregate expenditure	purchase of second- hand assets	major improvement of existing assets	intended sale of fixed assets
financial and insurance activities	41.6	1.76	0.0	0.2	0.7
real estate activities	217.3	2.50	-	8.2	1.3
professional, scientific, and technical activities	130.6	1.39	0.1	87.6	1.7
administrative and support service activities	48.6	1.31	0.0	0.0	0.1
education	17.4	0.07	0.0	2.3	0.0
human health, and social work activities	108.7	1.32	-	1.8	0.4
arts, entertainment and recreation, other service activities n.e.c.	330.0	3.81	2.5	4.1	0.5
all	172.2	100.0	1.2	8.0	15.0

Sample size: - 2,758 (2024-25)

Figure 2: Percentage distribution of intended capital expenditure to buy new asset in 2024-25 by main activity



- manufacturing
- information and communication
- transportation and storage
- wholesale and retail trade and repair of motor vehicles and motorcycles
- arts, entertainment and recreation, other service activities n.e.c.
- others

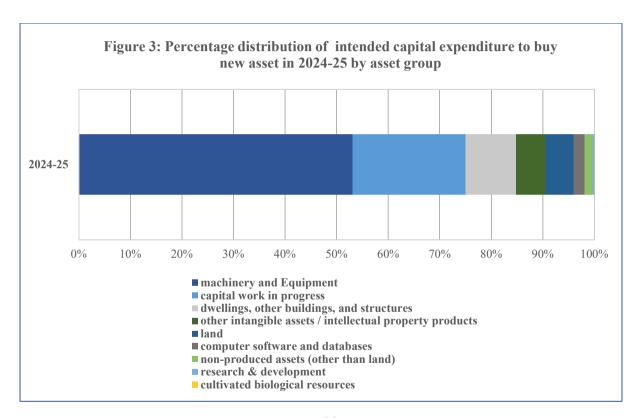
For each Asset Category

While collecting the data on capital expenditure per enterprise provisionally incurred in 2024-25 for purchasing new assets, the amount allocated against each type of assets were also ascertained.

Out of the total capital expenditure provisionally incurred in the year 2024-25, nearly 53.1% were utilized for purchasing machinery & equipment. The amount allocated for 'capital work in progress' (22.0%) and purchasing dwellings, other buildings and structures' (9.7%) had the next highest share of allocation (Table 7).

Table 7: Estimated value of provisional capital expenditure per enterprise (in ₹ crore) incurred or intended to be incurred to purchase new asset, per enterprise expenditure (in ₹ crore) to purchase second-hand asset and perform major improvement of existing assets, receipts from intended sale (in ₹ crore) in 2024-25 for each asset group

	new	asset	-	re per enterprise ally incurred for	receipts from
asset description	expenditure per enterprise	% distribution	purchase of second- hand assets	major improvement of existing assets	intended sale of fixed assets
dwellings, other buildings, and structures	16.8	9.74	0.0	5.0	0.3
machinery and Equipment	91.4	53.05	1.2	2.7	11.9
cultivated biological resources	0.0	0.02	-	-	-
land	9.2	5.36	-	-	0.9
computer software and databases	3.7	2.17	-	0.1	0.4
research and development	0.6	0.32	-	-	0.0
other Intangible Assets / Intellectual property products	9.9	5.78	-	0.1	0.2
non-Produced Assets (other than Land)	2.7	1.56	-	0.0	1.3
capital Work in progress	37.9	22.0	-	-	-
all assets	172.2	100	1.2	8.0	15.0



10.2.4 Investment strategy for CAPEX by the Private Corporate Sector in 2024-25

The survey collected information on the investment strategy⁹ planned for the provisional CAPEX incurred in the current year (i.e. 2024-25) from each of the responded enterprises.

As per the estimates generated from the survey data, over-all, nearly 40.3% of the enterprises have planned to make the CAPEX on core assets during 2024-25. Another 28.4% have done it on value-addition of their existing assets, nearly 11.5% on opportunistic assets and less than 3% for their debt strategies. Less than half a percent of the enterprises in the current year used strategy of investing in distressed assets and non-performing loans. However, about 16.9% of the enterprises used their CAPEX in 2024-25 for various other investment strategies (Table 8).

Among the principal activity categories, more than half of the enterprises in 'agriculture, forestry, and fishing' and 'human health, and social work activities' have used the CAPEX in 2024-25 for investing in their core assets. Whereas, in activity categories like 'accommodation and Food service activities' and 'professional, scientific, and technical activities' about one-fourth of the enterprises followed this strategy for CAPEX in 2024-25.

⁹ Although an enterprise may have adopted different investment strategies for 2024–25, only the main strategy of investment was recorded.

The survey estimated that nearly 68.3% enterprises in 'accommodation and Food service activities' and 55.7% of enterprises in 'water supply, sewerage, waste management and remediation activities' strategized to use their CAPEX in 2024-25 for the value addition of their existing assets.

The enterprises that followed an investment strategy for opportunistic assets were significantly higher among activity categories like 'electricity, gas, steam, air conditioning supply' (34.0%) and 'real-estate activities (30.3%).

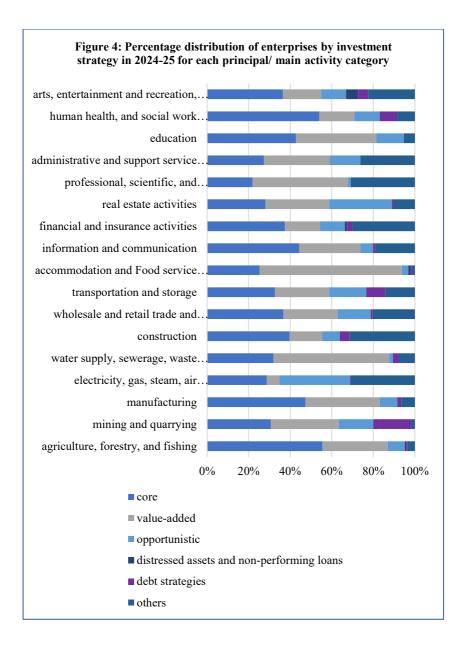


Table 8: Percentage distribution of enterprises by investment strategy in 2024-25 for each principal/ main activity category

activity description	core	value added	opportu nistic	distressed assets and non- performing loans	debt strategies	others	all
agriculture, forestry, and fishing	55.53	31.34	8.29	0.69	0.69	3.45	100
mining and quarrying	30.68	32.64	16.75	0.00	18.23	1.71	100
manufacturing	47.28	35.77	8.56	0.02	2.01	6.36	100
electricity, gas, steam, air conditioning supply	28.70	6.07	34.01	0.00	0.38	30.84	100
water supply, sewerage, waste management and remediation activities	31.84	55.72	1.91	0.00	2.87	7.66	100
construction	39.72	15.60	8.57	0.26	4.52	31.33	100
wholesale and retail trade and repair of motor vehicles and motorcycles	36.73	26.06	15.95	0.05	0.84	20.38	100
transportation and storage	32.68	26.04	17.83	0.00	9.10	14.36	100
accommodation and Food service activities	25.32	68.34	3.17	0.79	0.79	1.58	100
information and communication	44.38	29.42	6.11	0.00	1.10	18.99	100
financial and insurance activities	37.45	16.83	12.06	1.04	2.53	30.09	100

Table 8: Percentage distribution of enterprises by investment strategy in 2024-25 for each principal/ main activity category

activity description	core	value added	opportu nistic	distressed assets and non- performing loans	debt strategies	others	all
real estate activities	28.13	30.54	30.32	0.00	0.68	10.32	100
professional, scientific, and technical activities	21.93	45.87	1.33	0.00	0.00	30.87	100
administrative and support service activities	27.35	31.69	14.79	0.00	0.00	26.17	100
education	42.71	38.74	13.25	0.00	0.00	5.30	100
human health, and social work activities	53.97	16.85	12.20	0.00	8.33	8.66	100
arts, entertainment and recreation, other service activities n.e.c.	36.56	18.37	11.91	5.87	4.76	22.54	100
all	40.28	28.40	11.50	0.28	2.67	16.87	100

10.2.5 Main objective of CAPEX in 2024-25 for each principal/ main activity category

In the private corporate sector, the main¹⁰ objectives for making Capital Expenditure (CAPEX) as reported by enterprises are to enhance operational efficiency, increase revenue potential, and facilitate future growth, etc. In the survey, with regard to the provisional capital expenditure reported for the year 2024-25 (current year), additional information on the main objective for making CAPEX was also collected.

The survey estimated that nearly 49.6% of the enterprises in the private corporate sector made their CAPEX in the current year (2024-25) with the primary objective of income generation. Another 30.1% of the enterprises aimed their current year CAPEX for upgradation, about 2.8% used it for the purpose of diversification and less than 2% for green objectives like 'energy transition/ conservation'. Nearly an estimated 16.2% of the enterprises used their CAPEX in the current year for 'other reasons' (Table 9).

The income generation objective for incurring CAPEX in the current year was highest among the enterprises engaged in 'mining and quarrying' (77.3%) followed by 'real estate activities' (67.2%) and 'electricity, gas, steam, air conditioning supply' (62.3%)

39

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¹⁰ Although an enterprise may have had multiple investment objectives in 2024–25, only the primary objective of investment was collected for each enterprise.

Higher percentage share of enterprises engaged in 'water supply, sewerage, waste management and remediation activities' (51.9%), 'agriculture, forestry, and fishing' (45.4%) and 'manufacturing' (39.5%) used their CAPEX for the primary aim for upgradation.

Diversification was the main objective for incurring CAPEX in 2024-25 for 17.3% enterprises in 'agriculture, forestry, and fishing', 14.1% enterprises in 'administrative and support service activities' and 5.3% enterprises engaged in 'education'.

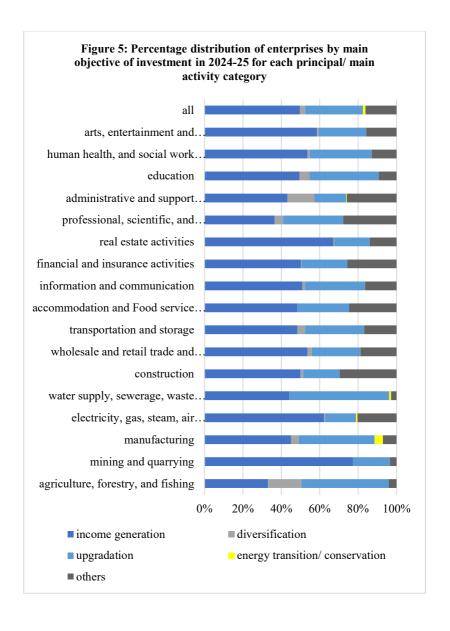


Table 9: Percentage distribution of enterprises by main objective of investment in 2024-25 for each principal/ main activity category

activity description	income generation	diversifi cation	upgrad ation	energy transiti on/ conserv ation	others	all
agriculture, forestry, and fishing	33.14	17.31	45.41	0.00	4.15	100
mining and quarrying	77.26	0.00	19.32	0.00	3.43	100
manufacturing	45.11	3.96	39.49	4.36	7.08	100
electricity, gas, steam, air conditioning supply	62.33	0.38	16.18	0.76	20.35	100
water supply, sewerage, waste management and remediation activities	44.28	0.00	51.89	0.96	2.87	100
construction	50.04	1.34	19.12	0.00	29.50	100
wholesale and retail trade and repair of motor vehicles and motorcycles	53.69	2.13	25.39	0.05	18.74	100
transportation and storage	48.48	3.81	30.67	0.10	16.94	100
accommodation and Food service activities	48.34	0.00	26.90	0.00	24.76	100
information and communication	51.06	1.22	31.25	0.06	16.41	100
financial and insurance activities	50.26	0.18	23.96	0.00	25.61	100
real estate activities	67.22	0.46	18.33	0.00	14.00	100
professional, scientific, and technical activities	36.56	4.33	31.28	0.00	27.84	100
administrative and support service activities	43.13	14.11	16.58	0.36	25.81	100
education	49.34	5.30	36.09	0.00	9.27	100
human health, and social work activities	53.58	1.16	32.34	0.00	12.92	100
arts, entertainment and recreation, other service activities n.e.c.	58.53	0.88	24.78	0.00	15.81	100
all	49.61	2.75	30.10	1.38	16.16	100

Annexure-I: Enterprises allotted, surveyed, casualties and non-response

A1: Number of enterprises allotted, surveyed, casualties and non-response for each principal/ main activity category

strata			census secto	r				sample secto	r	
description	allotted	surveyed	casualty*	non- response	% surveyed	allotted	surveyed	casualty*	non- response	% surveyed
agriculture, forestry, and fishing	91	55	1	35	60.4	11	2	0	9	18.2
mining and quarrying	67	38	1	28	56.7	16	11	0	5	68.8
manufacturing	949	590	10	349	62.2	360	219	3	138	60.8
electricity, gas, steam, air conditioning supply	166	67	1	98	40.4	18	6	1	11	33.3
water supply, sewerage, waste management and remediation activities	52	38	0	14	73.1	3	1	0	2	33.3
construction	639	333	20	286	52.1	140	66	2	72	47.1
wholesale and retail trade and repair of motor vehicles and motorcycles	304	179	3	122	58.9	169	93	1	75	55.0
transportation and storage	214	111	1	102	51.9	80	46	1	33	57.5

A1: Number of enterprises allotted, surveyed, casualties and non-response for each principal/ main activity category

strata			census secto	r				sample secto	or	
description	allotted	surveyed	casualty*	non- response	% surveyed	allotted	surveyed	casualty*	non- response	% surveyed
accommodation and Food service activities	86	40	0	46	46.5	10	4	0	6	40.0
information and communication	337	198	4	135	58.8	151	86	1	64	57.0
financial and insurance activities	268	175	3	90	65.3	128	79	2	47	61.7
real estate activities	130	68	3	59	52.3	18	10	0	8	55.6
professional, scientific, and technical activities	22	13	0	9	59.1	6	3	0	3	50.0
administrative and support service activities	504	288	10	206	57.1	99	55	0	44	55.6
education	75	39	0	36	52.0	0	0	0	0	0.0
human health, and social work activities	148	84	3	61	56.8	9	8	0	1	88.9

A1: Number of enterprises allotted, surveyed, casualties and non-response for each principal/ main activity category

strata			census secto	r		sample sector				
description	allotted	surveyed	casualty*	non- response	% surveyed	allotted	surveyed	casualty*	non- response	% surveyed
arts, entertainment and recreation, other service activities n.e.c.	93	52	1	40	55.9	17	7	0	10	41.2
all	4,145	2,368	61	1,716	57.1	1,235	696	11	528	56.4

^{*}Ceased operations, sold or merged, not operational due to other reasons

A2: Number of enterprises allotted, surveyed, casualties and non-response for of state/ UT*

			census fran	ie			:	survey fran	1e	
State/UT	allotted	surveyed	casualty	non- response	% surveyed	allotted	surveyed	casualty	non- response	% surveyed
Andhra Pradesh	58	49	1	8	84.5	16	13	0	3	81.2
Assam	3	2	1	0	66.7	5	4	0	1	80.0
Bihar	11	10	0	1	90.9	4	4	0	0	100.0
Chandigarh	8	5	0	3	62.5	6	5	0	1	83.3
Chhattisgarh	14	14	0	0	100.0	14	13	1	0	92.9
Dadra & Nagar Haveli and Daman & Diu	6	5	0	1	83.3	4	4	0	0	100.0
Delhi	630	359	2	269	57.0	193	105	0	88	54.4
Goa	16	14	0	2	87.5	2	1	0	1	50.0
Gujarat	316	152	8	156	48.1	119	61	2	56	51.3
Haryana	207	81	3	123	39.1	56	29	0	27	51.8
Himachal Pradesh	5	4	0	1	80.0	0	0	0	0	0.0
Jammu & Kashmir	0	0	0	0	0.0	1	1	0	0	100.0
Jharkhand	5	4	0	1	80.0	3	3	0	0	100.0
Karnataka	427	227	4	196	53.2	106	51	1	54	48.1
Kerala	40	39	1	0	97.5	14	11	2	1	78.6

A2: Number of enterprises allotted, surveyed, casualties and non-response for of state/ UT*

State/UT	census frame					survey frame				
	allotted	surveyed	casualty	non- response	% surveyed	allotted	surveyed	casualty	non- response	% surveyed
Madhya Pradesh	27	24	1	2	88.9	12	11	1	0	91.7
Maharashtra	1,317	819	20	478	62.2	330	197	3	130	59.7
Meghalaya	1	1	0	0	100.0	2	2	0	0	100.0
Odisha	29	7	2	20	24.1	11	5	0	6	45.5
Puducherry	2	0	0	2	0.0	0	0	0	0	0.0
Punjab	36	29	1	6	80.6	18	16	0	2	88.9
Rajasthan	48	45	1	2	93.8	27	21	0	6	77.8
Tamil Nadu	354	213	9	132	60.2	99	54	1	44	54.5
Telangana	293	118	0	175	40.3	78	24	0	54	30.8
Uttar Pradesh	77	40	5	32	52.0	29	16	0	13	55.2
Uttarakhand	5	5	0	0	100.0	2	2	0	0	100.0
WestBengal	210	102	2	106	48.6	84	43	0	41	51.2
all	4,145	2,368	61	1,716	57.1	1,235	696	11	528	56.4

^{*}Location of registered office as per MCA database

Annexure-II: Concepts & Definitions

Capital Expenditure: - Capital expenditure (Capex) is the amount of expenditure incurred by the enterprise to purchase, maintain, or enhance long-term assets. This kind of spending is regarded as an investment that improves the economic value of operations by increasing effectiveness or capacities. The long-term assets are typically permanent in nature and not consumable. They can be tangible, for instance, land, machinery or vehicles, construction, equipment, etc., and even intangible, like software, patents or licenses, etc. In contrast to other expenditures reported on the income/profit and loss statements, capital expenditures are reflected on the balance sheet in the form of an asset.

The fixed assets purchased through capital expenditure are intended for use in the operations of own enterprise or for lease or rent to others. These fixed assets are also known as capital assets or property, plant and equipment. They are items with a shelf life of more than one year and are not purchased for resale but rather for use in the entity's production of goods and services.

List of Assets/Items to be Included in Capex:

- Cost of all new buildings, engineering, machinery, and equipment, etc. which normally have a life of more than one year and are charged to fixed asset accounts.
- Cost for acquiring/developing computer software, database, licenses, contracts, and other intangible assets which are intended for increasing operational efficiency.

- Expenditure on plants/tree, livestock that produce output such as fruits, nuts, rubber, milk, wool, etc. repeatedly for more than one year.
- Modifications, additions, and major renovations which increase the shelf life of assets.
- Capital costs such as feasibility studies, architectural, legal, installation and engineering fees.
- Capitalized interest charges on loans with which capital projects are financed.
- Capital work in progress.

List of Assets/Items to be excluded from Capex:

- Transfers from capital work in progress (construction-inprogress) to fixed assets accounts.
- Assets associated with the acquisition of companies.
- Property developed for sale and machinery, or equipment acquired for sale.

Different types of assets considered under CAPEX:

- (i) Land: It includes the cost involved in acquisition of land.
- (ii) **Dwellings, Other buildings, and Structures:**Construction of Buildings (for both residential and non-residential purpose), or designated parts of buildings, including any associated structures, such as garages, roads,

bridges, sewers, etc. and all permanent fixtures, facilities and equipment that are integral parts of the structures are included. Besides, land improvements that lead to major improvements in the quantity, quality, or productivity of land, or prevent its deterioration and costs of ownership transfer on land are also considered.

- (iii) Machinery and Equipment: It covers transport equipment, machinery for information, communication, and telecommunications (ICT) equipment, and other machinery and equipment including acquisition of weapons systems and any such products.
- (iv) Computer software and databases: It consists of development of new computer programs, program descriptions and supporting materials for both systems and applications software or extension of existing software and development of database and clouds which permits resource-effective access and use of the data.
- (v) Research and development: It consists of the value of expenditures on creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and use of this stock of knowledge to devise new applications (except human capital) which is expected to provide benefits in the long run.

- (vi) Intangible Assets / Intellectual property products:

 Example of intellectual property products are the results of mineral exploration and evaluation, entertainment, literary or artistic originals and any such products like Patents, Licenses, Rights, Goodwill, and marketing assets, etc. and other intangible assets that constitute fixed (intangible) assets but are not captured in one of the specific items above.
- (vii) Cultivated biological resources: It cover animal resources yielding repeat products and tree, crop and plant resources yielding repeat products whose natural growth and regeneration are under the direct control, responsibility, and management of institutional units.
- (viii) Non-Produced Assets (other than Land): It includes the acquisition cost for all tangible (excluding land) and intangible non-produced assets e.g. natural resources like mineral and energy reserves, water resources, radio spectra and others.
- (ix) Capital Work in Progress (CWIP): It is the expenditure on fixed assets that are in the process of construction or completion and are not ready for intended use on the reporting date.

Financial year: According to Section 2(41) of The Companies Act, 2013, financial year, in relation to any company or body corporate, means the period ending on the 31st day of March every year. Where a company has been incorporated on or after 1st day of January of a year, the first financial year will end on 31st day of March of the following year. A Financial Year (FY) is the 12-month period between 1 April and 31 March e.g. FY 2024-25 means the period from 1 April 2024 to 31 March 2025.

Realisation Ratio (RR): The realization ratio of CAPEX (Capital Expenditure) measures the accuracy of capital expenditure expectations by comparing actual expenditure with the expected amount. It's calculated by dividing actual expenditure by the expected expenditure.

Realisation Ratio

 $= \frac{actual\ capital\ expenditure\ in\ a\ financial\ year}{proposed\ capital\ expenditure\ in\ a\ financial\ year}\ x\ 100$

Second hand assets: Used/ second hand fixed assets may be defined as existing buildings, structures or machinery and equipment or any other fixed assets which have been previously used by another enterprise in India that the company has acquired during the time period being reported on this survey. However, imported assets should be treated as a new asset and reported in appropriate place in the survey.

Major improvement of existing assets: These include outlays on major alterations in machinery, equipment, structure, or other fixed assets which significantly extend their expected life-time of use, productivity or the character or the volume of the service they render. However, outlay of recurring nature on fixed assets necessary to keep them in good working order and replacement of parts and attachments of fixed assets which are short-lived (having an expected lifetime use of up to one year) and / or of relatively small value are not included here.

Financial Lease: Lease Includes: Assets acquired as a lessee through either a capital or financial lease. Assets acquired for lease to others as an operating lease.

Lease Excludes: Operating leases acquired as a lessee and capitalized to right-of-use assets in accordance with Ind AS 116 (Indian Accounting Standard) Assets acquired for lease to others, either as a capital or financial lease.

Currently Operational Enterprises: An Operational Enterprise is a business enterprise that conducts economic activities by generating, trading, or selling a product(s) or service(s) as on date of survey.

Amalgamation with other enterprises: It means the enterprise is merged with another enterprise or group of enterprises. In case of

amalgamation, the enterprise must not continue its business with its previous CIN. All the amalgamated enterprises either registered with a new CIN or continue with the CIN of the enterprise to which it is amalgamated.

Gross Fixed Asset (GFA): Assets held for the purpose of producing or providing goods or services and not for resale in the normal course of entrepreneurial activities are classified as fixed assets. These cover all tangible goods, new or used, that have a normal economic life of more than one year from the date of purchase. Fixed assets include not only structures, machinery and equipment but also intellectual property products such as software or artistic originals that are used in production.

Capital work in Progress (CWIP): These are expenses made by the enterprise on some fixed assets although the amount spent has not yet been capitalised. Building, machinery, etc. under construction are recorded here.

Investment Strategy: Different investment strategies which were considered for the survey are described below:

Core – investment on the business activity that is main source of a company's profits and success

Value-added –investment on anything that improves company's business, like increasing sales, growing customer base, providing better quality products or others.

Opportunistic –investment on new business activities which is expected to have more profitability or scope in future

Distressed assets and non-performing loans –investment to purchase distressed assets and non-performing loans

Debt strategies - strategy is to prioritize debt payments

Others – strategy of investment is different from any of the above options

Annexure-III: Questionnaire of Survey

FORWARD-LOOKING SURVEY ON PRIVATE SECTOR CAPEX INVESTMENT INTENTIONS

Identification Particulars:

- 1. Provide the Identification particulars of the enterprise.
 - 1.1 Corporate Identification Number (CIN) of the enterprise
 - 1.2 Legal name of the enterprise
 - 1.3 Operating name of the enterprise
 - 1.4 Company address of the enterprise
 - 1.5 Company email id
 - 1.6 GSTN of the enterprise (GSTN of the Head Office is to be provided)
- 2. Provide the contact information of the designated enterprise contact person for this questionnaire.
 - 2.1 First name
 - 2.2 Last name
 - 2.3 Designation
 - 2.4 Email Address
 - 2.5 Postal Address
 - 2.6 Mobile number
 - 2.7 Alternate Mobile number

- 3. Provide the current operational status of the enterprise identified by the legal and operating name above (as on the date of the survey).
 - Operational 1
 - Not currently operational 2
 - 3.1 Why is this enterprise not currently operational?
 - 3.1.1 Seasonal operations 21
 - (3.1.1.1) When did this enterprise close for the season? Provide Date
 - (3.1.1.2) When does this enterprise expect to resume operations? Provide Date
 - 3.1.2 Ceased / Strike off operations 22
 - (3.1.2.1) When did this enterprise cease operations? Provide Date
 - (3.1.2.2) Why did this enterprise cease operations?
 - Bankruptcy 221
 - Liquidation 222
 - Dissolution 223
 - Other 224
 - (3.1.2.3) Specify the other reasons why the operations ceased Provide Details (textbox with 250 characters)
 - 3.1.3 Sold operations 23
 - (3.1.3.1) When was this enterprise sold? Provide Date
 - (3.1.3.2) What is the CIN of the buyer? Provide CIN
 - (3.1.3.3) What is the Legal name of the buyer? Provide name

Amalgamated with other enterprises - 24 3.1.4 (3.1.4.1) When did this enterprise amalgamate? – Provide Date (3.1.4.2) What is the CIN of the resulting or continuing enterprise? (3.1.4.3) What is the Legal name of the resulting or continuing enterprise? (3.1.4.4) What are the CINs of the other amalgamated enterprises? (3.1.4.5) What are the Legal names of the other amalgamated enterprises? Temporarily inactive but will re-open - 25 3.1.5 (3.1.5.1) When did this enterprise become temporarily inactive? – Provide Date (3.1.5.2) When does this enterprise expect to resume operations? – Provide Date (3.1.5.3) Why is this enterprise temporarily inactive? Provide Details 3.1.6 No longer operating due to other reasons - 26 (3.1.6.1) When did this enterprise stop operations? – Provide Date (3.1.6.2) Why did this enterprise stop operations? – Provide Details

If the reply in Question 3 is 1 or (2 and then 21) or (2 and then 25), then move to Question 4, otherwise submit.

- 4. Provide the place of Business Operation of the Enterprise List of States / UTs with multiple selection options.
 - 5. Provide the current Principal / Main activity of the enterprise mentioned above.

Select this enterprise's activity sector in two steps.

Step 1:

- Agriculture, forestry, and fishing I01
- Mining and quarrying I02
- Manufacturing I03
- Electricity, gas, steam, air conditioning supply I04
- Water supply, sewerage, waste management and remediation activities I05
- Construction I06
- Wholesale and retail trade and repair of motor vehicles and motorcycles I07
- Transportation and storage I08
- Accommodation and Food service activities I09
- Information and communication I10
- Financial and insurance activities I11
- Real estate activities I12
- Professional, scientific, and technical activities I13
- Administrative and support service activities— I14
- Education I15
- Human health, and social work activities I16
- Arts, entertainment and recreation, other service activities n.e.c. I17

Step 2: Detailed list is available in **Annexure-IV**.

- 6. Percentage of Total Turnover contributed by the Principal / Main activity of the enterprise mentioned above (selected NIC-2008 2-digit level in Q. No. 5). Provide Value in percentage (in whole number).
- 7. Whether any enterprise is amalgamated or merged or acquired by this enterprise during the period 01.04.2024 till the date of survey
 - Yes 1
 - If yes, Details of the enterprises which is amalgamated or merged or acquired
 - (7.1) Number of enterprises amalgamated or merged or acquired
 - (7.2) Name of the enterprises
 - (7.3) CIN of the enterprises
 - No 2
 - 8. Whether the enterprise was operational before the financial year 2021-22

8.1 Details of actual and proposed annual 'Capital Expenditure' incurred by the enterprise in last 3 financial years (Please report financial information in thousands ('000') upto three decimal places of Indian Rupees)

Financial / Accounting Year	FY Code	Gross Total Fixed Assets as on 31st March of the last FY	Capital Expenditure proposed at the beginning of the FY	Actual Capital Expenditure incurred
(1)	(2)	(3)	(4)	(5)
2021-22	F01			
2022-23	F02			
2023-24	F03			

9. Details of asset wise Provisional 'Capital Expenditure' incurred or to be incurred by the enterprise in Current Financial Year i.e., 2024-25 (Provide latest information as on the date of the survey).

(Note: (i) All transactions of non-financial assets that are either part of or will be part of the balance sheet need to be reported, (ii) Please report financial information in thousands ('000') upto three decimal places of Indian Rupees)

			ure intended Iring current	to be incurred FY on	Intended Sale of	
Asset groups	Asset Code	Purchase of New Assets including financial leases	Purchase of Second- hand Assets	Major Improvement of Existing Assets	Fixed Assets during current FY	Total Expenditure = col.3 + col.4 + col.5
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dwellings, Other buildings, and Structures	A01					
Machinery and Equipment (include plant & equipment, office equipment, Furniture & Fixtures, Transport equipment etc.)	A02					
Cultivated biological resources	A03					

		Expenditure intended to be incurred during current FY on			Intended Sale of	
Asset groups	Asset Code	Purchase of New Assets including financial leases	Purchase of Second- hand Assets	Major Improvement of Existing Assets	Fixed Assets during current FY	Total Expenditure = col.3 + col.4 + col.5
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Land	A04					
Computer software and databases	A05					
Research and development (include development expenditure meant for capitalization)	A06					
Other Intangible Assets / Intellectual property products	A07					
Non-Produced Assets (other than Land)	A08					
Capital Work in progress	A09					
Total	A10					

9.1 Sector/Industry-Wise details of Provisional 'Capital Expenditure' incurred or to be incurred by the enterprise in current financial year i.e., 2024-25 (Provide latest information as on the date of the survey).

(Note: Please report financial information in percentage out of the Total Provisional Capital Expenditure incurred during 2024-25. All transactions of non-financial assets that are either part of or will be part of the balance sheet need to be considered.)

Sector / Industry	Industry Code	Percentage (in whole number) of Capital Expenditure to be incurred during 2024-25
(1)	(2)	(3)
Agriculture, forestry, and fishing	I01	
Mining and quarrying	I02	
Manufacturing	I03	
Electricity, gas, steam, air conditioning supply	I04	
Water supply, sewerage, waste management and remediation activities	I05	
Construction	I06	
Wholesale and retail trade and repair of motor vehicles and motorcycles	I07	
Transportation and storage	108	
Accommodation and Food service activities	109	

Annexure-III

Sector / Industry	Industry Code	Percentage (in whole number) of Capital Expenditure to be incurred during 2024-25
Information and communication	I10	
Financial and insurance activities	I11	
Real estate activities	I12	
Professional, scientific, and technical activities	I13	
Administrative and support service activities	I14	
Education,	I15	
Human health, and social work activities	I16	
Arts, entertainment and recreation, other service activities <i>n.e.c.</i>	I17	

10. Asset-Wise Details of "Capital Expenditure" intended to be incurred by the enterprise in next Financial Year i.e., 2025-26 (Provide latest information as on the date of the survey)

(Note: (i) All transactions of non-financial assets that are either part of or will be part of the balance sheet need to be reported. (ii) Please report financial information in thousands (000) upto three decimal places of Indian Rupees)

		Expenditure intended to be incurred during current FY on		Intended Sale of		
Asset groups	Asset Code	Purchase of New Assets including financial leases	Purchase of Second- hand Assets	Major Improvement of Existing Assets	Fixed Assets during current FY	Total Expenditure = col.3 + col.4 + col.5
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dwellings, Other buildings, and Structures	A01					
Machinery and Equipment (include plant & equipment, office equipment, Furniture & Fixtures, Transport equipment etc.)	A02					
Cultivated biological resources	A03					

		Expenditure intended to be incurred during current FY on			Intended Sale of	
Asset groups	Asset Code	Purchase of New Assets including financial leases	Purchase of Second- hand Assets	Major Improvement of Existing Assets	Fixed Assets during current FY	Total Expenditure = col.3 + col.4 + col.5
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Land	A04					
Computer software and databases	A05					
Research and development (include development expenditure meant for capitalization)	A06					
Other Intangible Assets / Intellectual property products	A07					
Non-Produced Assets (other than Land)	A08					
Capital Work in progress	A09					
Total	A10					

10.1 Sector/Industry-wise details of 'Capital Expenditure' intended to be incurred by the enterprise in next Financial Year i.e., 2025-26 (Provide latest information as on the date of the survey)

(Note: Please report financial information in percentage out of the Total Capital Expenditure intended to be incurred during 2025-26. All transactions of non-financial assets that are either part of or will be part of the balance sheet need to be considered.)

Sector / Industry	Industry Code	Percentage (in whole number) of Capital Expenditure to be incurred during 2025-26
(1)	(2)	(3)
Agriculture, forestry, and fishing	I01	
Mining and quarrying	I02	
Manufacturing	103	
Electricity, gas, steam, air conditioning supply	I04	
Water supply, sewerage, waste management and remediation activities	105	
Construction	I06	
Wholesale and retail trade and repair of motor vehicles and motorcycles	107	
Transportation and storage	108	
Accommodation and Food service activities	I09	

Annexure-III

Sector / Industry	Industry Code	Percentage (in whole number) of Capital Expenditure to be incurred during 2025-26
(1)	(2)	(3)
Information and communication	I10	
Financial and insurance activities	I11	
Real estate activities	I12	
Professional, scientific, and technical activities	I13	
Administrative and support service activities	I14	
Education,	I15	
Human health, and social work activities	I16	
Arts, entertainment and recreation, other service activities <i>n.e.c.</i>	I17	

10.2 You have not reported any capital expenditure intentions for the next Financial Year i.e. 2025-26.

Please indicate the reason.

- Zero capital expenditure intentions for FY2025-26 1
- Figures not available but plans are for no change in capital expenditures for FY2025-26 2
- Figures not available but plans are for an increase in capital expenditures for FY2025-26 3
- Figures not available but plans are for a decrease in capital expenditures for FY2025-26 4

11. Assets Buying Activity Expectations related to non-financial assets in the next FY (e.g., 2025-26)

- Acquire/ increase by 10% or more (from existing gross fixed assets) – 1
- Acquire/ increase upto 10% or more (from existing gross fixed assets) 2
- No intention to sell -3

12. Assets Selling Activity Expectations in the next FY (e.g., 2025-26)

- sell/ decrease by 10% or more (from existing gross fixed assets) 1
- sell/ decrease upto 10% or more (from existing gross fixed assets) 1
- No intention to sell

13. Preferred Investment Strategy in the current FY (e.g., 2024-25)

- Core 1
- Value-added 2
- Opportunistic 3
- Distressed assets and non-performing loans 4

- Debt strategies 5
- Others, please specify 9

11. Objective of investment in the current FY (e.g., 2024-25)

- Income generation 1
- Diversification 2
- Upgradation 3
- Energy transition/ conservation-4
- Others, please specify 9
- 12. Overall value of intended CAPEX expenditure for the next three financial year namely 2026-27 to 2028-29 (Provide latest information as on the date of the survey) (Please report financial information in thousands ('000') upto three decimal places of Indian Rupees)

Annexure-IV: List of NIC – 2008 included in the survey

List of NIC -2008 activities included in the survey:

Stratum	NIC 2008 Section	Composition ¹¹
1	Agriculture, forestry and fishing (A)	 Crop and animal production, hunting and related service activities (01) Forestry and logging (02) Fishing and aquaculture (03)
2	Mining and quarrying(B)	 Mining of coal and lignite (05) Extraction of crude petroleum and natural gas (06) Mining of metal ores (07) Other mining and quarrying (08) Mining support service activities (09)
3	Manufacturing(C)	 Manufacture of food products, beverages, and tobacco products (10,11, 12) Manufacture of textiles, wearing apparel and leather and related products (13,14, 15) Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, Manufacture of furniture (16, 31) Manufacture of paper and paper products (17) Printing and reproduction of recorded media (18) Manufacture of coke and refined petroleum products (19) Manufacture of chemicals and chemical products (20) Manufacture of pharmaceuticals, medicinal, chemical and botanical products (21) Manufacture of rubber, plastics products, other non-metallic mineral products (22, 23) Manufacture of basic metals, fabricated metal products, except machinery and equipment (24, 25) Manufacture of computer, electronic, optical products, electrical equipment, machinery, and equipment n.e.c. (26, 27, 28) Manufacture of motor vehicles, trailers, semi-

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¹¹ Figures in bracket are Divisions of NIC-2008.

Stratum	NIC 2008 Section	Composition ¹¹
		 trailers, other transport equipment (29, 30) Other manufacturing, repair and installation of machinery and equipment (32,33)
4	Electricity, gas, steam and air conditioning supply(D)	Electricity, gas, steam, and air conditioning supply (35)
5	Water supply, sewerage, waste management and remediation activities(E)	 Water collection, treatment, and supply (36) Sewerage, waste collection, treatment, and disposal activities; materials recovery (37, 38) Remediation activities and other waste management services (39)
6	Construction (F)	 Construction of buildings (41) Civil engineering (42) Specialized construction activities (43)
7	Wholesale and retail trade and repair of motor vehicles and motor cycles(G)	 Wholesale and retail trade and repair of motor vehicles and motor cycles (45) Wholesale trade, except of motor vehicles and motor cycles (46) Retail trade, except of motor vehicles and motor cycles (47)
8	Transportation and storage (H)	 Land transport and transport via pipelines (49) Water transport (50) Air transport (51) Warehousing and support activities for transportation (52) Postal and courier activities (53)
9	Accommodation and Food service activities (I)	Accommodation (55)Food and beverage service activities (56)
10	Information and communication(J)	 Publishing activities (58) Motion picture, video and television programme production, sound recording and music publishing activities (59) Broadcasting and programming activities (60)

Stratum	NIC 2008 Section	Composition ¹¹
		 Telecommunications (61) Computer programming, consultancy, and related activities (62) Information service activities (63)
11	Financial and insurance activities(K)	 Financial service activities, except insurance and pension funding (64) Insurance, reinsurance, and pension funding, except compulsory social security (65) Other financial activities (66)
12	Real estate activities (L)	Real estate activities (68)
13	Professional, scientific, and technical activities(M)	 Legal and accounting activities (69) Activities of head offices; management consultancy activities (70) Architecture and engineering activities; technical testing and analysis (71) Scientific research and development (72) Advertising and market research (73) Other professional, scientific, and technical activities (74) Veterinary activities (75)
14	Administrative and support service activities (N)	 Rental and leasing activities (77) Employment activities (78) Travel agency, tour operator and other reservation service activities (79) Security and investigation activities (80) Services to buildings and landscape activities (81) Office administrative, office support and other business support activities (82)
15	Education (P)	Education (85)
16	Human health, and social work activities(Q)	 Human health activities (86) Residential care activities (87) Social work activities without accommodation (88)
17	Arts, entertainment and recreation, other service activities (R,S)	 Creative, arts and entertainment activities (90) Libraries, archives, museums, and other cultural activities (91) Gambling and betting activities (92)

Stratum	NIC 2008 Section	Composition ¹¹
		• Sports activities and amusement and recreation activities (93)
		• Activities of membership organizations (94)
		Repair of computers and personal and
		household goods (95)
		Other personal service activities (96)

Annexure-V: Estimation Procedure

Estimation Procedure

Notations:

 $t = subscript for t^{th} stratum.$

k = subscript for k^{th} sample enterprise under a particular stratum.

E = total number of enterprises in the sample sector in a stratum.

e = number of enterprises surveyed out of total number of enterprises in the sample sector in a stratum.

x, y = observed value of characteristics x, y under estimation.

 \hat{X} , \hat{Y} = estimate of population total X, Y for the characteristics x,y.

Under the above symbols,

 y_{tk} = observed value of the characteristic y for the kth unit belonging to the tth stratum

Estimation of aggregates (Y):

The estimate has two parts:

- i) Census Sector aggregate (°Ŷ)
- ii) Sample Sector estimate of aggregate (SŶ)

The estimation formula for any characteristic of the unit in the sample sector in tth strata is:

$${}^{\mathrm{S}}\hat{\mathbf{Y}}_{t} = \frac{E_{t}}{e_{t}} \sum_{k=1}^{e_{t}} y_{tk} \quad \dots \qquad (1)$$

Thus, the estimator for any characteristic of the unit in the sample sector is:

$$^{S}\hat{\mathbf{Y}} = \sum_{t} ^{S}\hat{\mathbf{Y}}\mathbf{t}$$
 (2)

The estimate for that characteristic of the unit as a whole is given by:

$$\hat{\mathbf{Y}} = {}^{c}\hat{\mathbf{Y}} + {}^{S}\hat{\mathbf{Y}} \qquad \dots \tag{3}$$

Estimates of Ratios (R):

Let \hat{Y} and \hat{X} be the overall estimate of the aggregates Y and X for two characteristics y and x, respectively at all-India level.

Then the combined ratio estimates (\hat{R}) of the ratio $(R = \frac{Y}{X})$

will be obtained as
$$\hat{R} = \frac{\hat{Y}}{\hat{X}}$$
.

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Treatment of Casualty Cases and Non-Response

Sample Sector

Casualty may occur in cases where the unit is existing but data could not be collected due to different reasons like cease of operation (code 22 in Question 3.1), sold operation (code 23 in Question 3.1), amalgamation with other enterprises (code 24 for Question 3.1) or due to other reasons (code 29 in Question 3.1). While counting the number of units surveyed (e_t) in the t^{th} stratum in sample sector, casualty cases will be excluded from the count.

Treatment in cases of void strata

A stratum may be void because of the casualty of all the units belonging to the stratum in sample sector. When a stratum is void, then in order to generate estimate pertaining to sample sector, the 'void' stratum may be merged with the nearest stratum looking into the description of the 2-digit NIC activity.

Census Sector

Estimates for the census sector are adjusted using direct calibration method with simple ratio adjustments as described below: -

Direct calibration method with simple ratio adjustments

This method utilizes auxiliary information for calibrated weighting adjustments to address survey non-response. Turnover data, available in the sample list, may serve as the auxiliary variable for this purpose.

 w_{tk} = calibrated weight of kth unit in tth stratum

 $\hat{Y} = \sum_t \sum_{k \in R_t} w_{tk} y_{tk}$ is the estimator of population total ${}^c Y = \sum_{k \in U} y_k$

 x_{tk} is the value of auxiliary variable (turnover) of k^{th} unit in t^{th} stratum

$$^{c}X_{t} = \sum_{k} x_{tk}$$

 R_t = subset comprising of responding units of t^{th} stratum in census sector

 w_{tk} should be chosen in such a way that

$$^{c}X_{t} = \sum_{k \in R_{t}} w_{tk} x_{tk} \dots (4)$$

Using simple ratio adjustment, if w_{tk} is taken as

$$w_{tk} = \frac{c_{X_t}}{\sum_{k \in R_t} x_{tk}}$$
, equation (4) holds.

$$\hat{Y} = \sum_{t} \sum_{k \in R_t} w_{tk} y_{tk} = \sum_{t} {}^{c} X_t \times \frac{\sum_{k \in R_t} y_{tk}}{\sum_{k \in R_t} x_{tk}}$$



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