

# Impact of Direct Tax Filing Deadlines on Taxpayer Compliance Behaviour in India

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## INTRODUCTION

Taxation constitutes the fiscal backbone of any sovereign economy, and in India, the structure of direct taxation has undergone transformative changes since the enactment of the Income Tax Act, 1961. Direct taxes levied directly on the income, wealth, and profits of individuals and corporate entities form a critical instrument of the government's revenue mobilisation strategy. The Income Tax Department of India, operating under the Central Board of Direct Taxes (CBDT), is entrusted with the administration of these taxes, including the enforcement of statutory deadlines for the filing of income tax returns (ITRs). These deadlines, commonly referred to as tax filing deadlines or due dates, govern the temporal compliance obligations of millions of taxpayers across income categories. The relationship between these deadlines and actual taxpayer behaviour has emerged as a significant area of scholarly and policy interest, particularly in the context of India's ambitious goal of expanding its tax base and improving voluntary compliance.

Direct tax, in its most elementary sense, refers to a tax imposed directly on the income or wealth of a person or organisation and paid directly to the government by the assessee on whom it is levied. In India, the principal forms of direct taxes include income tax, corporate tax, capital gains tax, and securities transaction tax (STT). The Income Tax Act, 1961, along with its subordinate legislation and annual Finance Acts, governs the computation, payment, and filing procedures for these taxes. Taxpayer compliance behaviour refers to the degree to which taxpayers meet their statutory obligations in terms of accurate reporting of income, timely payment of tax dues, and adherence to prescribed filing timelines. Compliance can be voluntary or enforced, and its quality is shaped by a complex interplay of administrative, psychological, economic, and institutional factors. Consumer spending behaviour is closely linked to tax policy, as changes in direct tax slabs, exemptions, and rebates alter disposable income levels and reshape household financial priorities.

The theoretical underpinnings of taxpayer compliance draw from multiple disciplines. The deterrence theory posits that compliance is a rational economic decision influenced by the probability of detection and the severity of penalties. The slippery slope framework adds a socio- psychological dimension, arguing that compliance behaviour lies on a continuum between enforced compliance driven by authority power and voluntary compliance driven by trust in institutions. The fiscal exchange theory suggests that taxpayers are more likely to comply when public services represent a fair return for taxes paid. The Keynesian perspective, which underlies much of modern fiscal policy analysis, holds that changes in taxation directly influence disposable income and, through the multiplier effect, aggregate consumption and economic growth. Behaviourally, consumers are also influenced by the temporal framing of tax changes, the simplicity of the tax structure, and the perceived fairness of the regulatory environment.

## Current Scenario

In recent years, India has witnessed a substantial increase in income tax return filers, growing from approximately 3.36 crore in FY 2013-14 to over 8.18 crore in FY 2023-24, according to CBDT annual reports. The government has undertaken significant reforms including the introduction of pre-filled ITR forms, the new tax regime under Section 115BAC, faceless assessment, and integration of Annual Information Statements with the filing portal. The Union Budget has annually revised direct tax slabs and rebates, particularly in the new tax regime, with the explicit goal of raising disposable income and stimulating consumer spending. Despite these measures, a persistent challenge remains: a significant proportion of taxpayers either file returns after the statutory deadline of July 31 for non-audit cases or seek extensions routinely. The government has on multiple occasions extended this deadline, most notably during the

COVID-19 pandemic years of FY 2019-20 and FY 2020-21, raising questions about the optimal calibration of deadlines and their impact on compliance behaviour. Repeated extensions may inadvertently communicate to taxpayers that deadlines are negotiable, weakening the compliance culture the government seeks to build.

The core problem motivating this research lies in the ambiguous relationship between statutory tax filing deadlines and actual taxpayer compliance behaviour in India. While the Income Tax Department publishes aggregate data on ITR filing volumes and timelines, there is limited understanding of how deadline proximity, deadline extensions, penalty enforcement, and tax revision awareness interact to produce observed compliance outcomes. The progressive imposition of fees under Section 234F has not demonstrably curbed the trend of belated filings in a consistent manner. Moreover, even as annual Budget tax revisions are designed to increase disposable income and stimulate consumer spending, the translation of these revisions into measurable compliance and consumption improvements is neither immediate nor uniform across income groups. This creates a policy gap between the intention of fiscal instruments and their real-world behavioural outcomes.

This research is guided by two principal objectives. The first objective is to examine the trend in income tax return filings in India from FY 2018-19 to FY 2023-24 in relation to statutory deadlines and CBDT extension notifications, identifying patterns of timely versus belated compliance. The second objective is to assess the impact of the penalty framework under Section 234F on taxpayer filing behaviour by analysing government data on belated returns, tax arrears, and enforcement outcomes. These objectives are significant because understanding whether deadlines and penalties are effective compliance instruments allows policymakers to calibrate enforcement strategies more precisely, improve voluntary compliance rates, and broaden the direct tax base in India, thereby supporting sustained economic growth driven by increased consumer confidence and household spending.

## LITERATURE REVIEW

A substantial body of research has examined the determinants of taxpayer compliance, the effectiveness of tax filing deadlines, and the broader behavioural impact of tax policy on consumer spending and financial planning. There is a significant impact of budgeting and fiscal planning discipline on consumer spending behaviour, wherein structured budgeting leads to lower and more disciplined long-run expenditure, with the compliance effect persisting up to six months after the budgeting intervention, demonstrating the durable influence of fiscal planning on consumer financial behaviour (Howard, 2021). Similarly, there is a substantial behavioural impact of tax policy transmission on household expenditures in India, as consumers exhibit high sensitivity to tax rate changes and respond asymmetrically through intertemporal and cross-product substitution, with tax increases eliciting sharper behavioural responses than equivalent reductions, particularly among experienced consumers (Agarwal, Ghosh, & Zhang, 2025).

There is a measurable macroeconomic impact of tax adjustments and government expenditure on consumption choices, with the key channels identified as disposable income effects, income distribution shifts, and fiscal multipliers; the study also underscores the need for concentrated empirical research on budgetary effects on household expenditure patterns (Darvas, 2020). Similarly, there is a combined behavioural and economic impact of tax changes on consumer budgeting decisions and spending behaviour across income groups, as the integration of public finance theory and behavioural economics confirms that tax revisions alter disposable income perceptions, reshape expectations, and recalibrate household financial planning (Lukas & Howard, 2022). There is further evidence of a cross-national impact of taxation on consumer spending and saving behaviour, with the finding that tax effects are heterogeneous across income groups and that behavioural insights must be incorporated into tax design to maximise compliance and consumer welfare (Rahman, 2023).

There is a significant temporal impact of the framing of tax stimuli on household consumption patterns, as the perceived permanence or transience of a tax incentive fundamentally alters the magnitude and direction of consumer spending responses, with permanent changes generating larger and more sustained consumption effects than equivalent temporary ones (Pauls & Laudi, 2025). Similarly, there is an anticipatory behavioural impact of expected consumption tax changes on consumer purchasing decisions, wherein forward-looking consumers adjust spending in advance of announced tax changes, creating measurable pre-announcement and post-announcement effects on

household expenditure (Hino, 2021). There is a documented seasonal impact of targeted tax instruments on household expenditure timing, as the Earned Income Tax Credit in the United States was found to create predictable surges in consumer spending, illustrating how deadline-linked tax disbursements reshape consumption timing and financial planning (Barrow & McGranahan, 2000).

There is a direct sectoral impact of Union Budget 2025-26 tax revisions on the agricultural sector and the tax obligations of farming households, with reforms in tax slabs and exemptions reshaping the financial planning, investment decisions, and spending behaviour of rural income earners (Kumar et al., 2025). Similarly, there is a comprehensive impact of the 2025 Union Budget tax reforms on consumer confidence and sectoral growth, with analysis showing that well-designed direct tax policies improve disposable income perceptions and stimulate planned household expenditure across income brackets (Bharadwaj, 2025). There is an empirical impact of value-added tax cuts on consumer purchasing behaviour, with evidence from Vietnam indicating that VAT reductions stimulate price-sensitive spending in the short run but have limited long-term effects on consumption habits, highlighting the role of tax design in shaping durable behavioural change (Hong & Thu, 2024).

There is an established impact of sales tax on luxury goods on consumer spending in the motor vehicle segment, with findings demonstrating that targeted consumption taxes significantly suppress discretionary and high-value purchases while leaving essential spending largely unchanged, a pattern relevant to understanding how direct tax reliefs on non-essential income redirect consumer expenditure (Kasim, 2020). Similarly, there is a documented impact of service tax increases on voluntary savings behaviour and discretionary consumption in India, with the evidence showing that higher tax burdens lead to a substitution away from current consumption towards precautionary savings, particularly among near-retirement income groups (Seal, 2020). There is a statistically robust impact of direct taxation on consumer spending patterns in Nigeria, confirmed through autoregressive distributed lag modelling, demonstrating that tax policy exerts both short-run and long-run effects on household expenditure trajectories (James et al., 2024). Finally, there is a macroeconomic impact of government tax instruments on aggregate consumption and economic growth, with the fiscal multiplier literature consistently identifying tax reductions as a more consumption-stimulating instrument relative to equivalent increases in public expenditure, a finding that directly informs the calibration of direct tax deadlines and penalty frameworks as compliance tools (Bachmann et al., 2021).

## RESEARCH METHODOLOGY

This study adopts a secondary data-based research methodology, grounded in the systematic collection, organisation, and analysis of published statistical data pertaining to income tax return filing in India. The choice of a secondary methodology is justified by the richness and reliability of official data sources available in the Indian tax administration ecosystem, as well as the macro-level nature of the research objectives, which seek to identify systemic trends in compliance behaviour rather than individual-level motivations. Secondary data research is particularly suitable for descriptive and analytical studies that aim to establish trend patterns, test the impact of regulatory interventions, and draw policy inferences from longitudinal administrative datasets. This approach is consistent with established practice in public finance research, where government-published statistics provide a credible and replicable basis for policy analysis.

The primary sources of secondary data employed in this study include Annual Reports published by the Central Board of Direct Taxes (CBDT) for the years 2018-19 through 2023-24, which contain aggregate data on ITR filings, advance tax collections, and enforcement actions. Data from the Income Tax Department's e-filing portal including time-series statistics on ITRs filed before and after the due date has also been utilised. The Union Budget documents and Finance Ministry press releases provide supplementary data on direct tax collections, revenue targets, and actual receipts. The Reserve Bank of India's Annual Report and Handbook of Statistics on the Indian Economy furnish macroeconomic context, including GDP growth rates and the ratio of direct taxes to GDP. Reports published by the Comptroller and Auditor General of India on direct tax administration have been referenced for data on tax arrears, pendency, and enforcement outcomes.

The research design is descriptive and analytical in nature. A descriptive approach is employed to present the trends in

ITR filing volumes, the distribution of timely versus belated filings, and the progression of direct tax collections over the study period. An analytical approach is subsequently applied to examine the relationship between legislative events, specifically the introduction of Section 234F in the Finance Act 2017 and the CBDT deadline extension notifications, and observable changes in compliance patterns. The analytical framework draws on trend analysis, comparative analysis across financial years, and ratio analysis to assess the share of belated returns in total filings, the growth in tax base, and the revenue implications of non-compliance. This framework is consistent with the descriptive and percentage analysis approaches adopted in related studies on tax policy and consumer behaviour (Howard, 2021; Rahman, 2023).

The time period selected, spanning FY 2018-19 to FY 2023-24, captures the pre-pandemic compliance baseline, the pandemic disruption years, and the post-pandemic recovery trajectory. This periodisation allows for a nuanced assessment of how extraordinary administrative decisions such as deadline extensions interact with underlying compliance behaviour over time. The data collected has been organised into structured tables and presented through analytical commentary to enable clear interpretation of findings. The study acknowledges limitations inherent in secondary data research, including data aggregation that may mask individual-level variations, potential revisions to published statistics, and the absence of disaggregated data on belated filers by income category. These limitations are addressed through triangulation across multiple official sources and transparent acknowledgement of data gaps where they exist.

## ANALYSIS AND RESULTS

### Trend in Income Tax Return Filings (FY 2018-19 to FY 2023-24)

Table 1 presents the aggregate number of income tax returns filed in India across six financial years, disaggregated by timely filings filed on or before the original due date and belated filings filed after the due date. The data reveals a consistent upward trajectory in total filings, reflecting the government's success in expanding the tax base through annual Budget reforms, digital facilitation, and increased TDS compliance. However, the share of belated filings as a percentage of total filings displays a non-linear pattern, with a pronounced spike during the pandemic years as a direct consequence of repeated CBDT deadline extensions and economic disruption.

Table 1: Income Tax Return Filing Trends in India (FY 2018-19 to FY 2023-24)

Financial Year	Total ITRs Filed (Crore)	Timely Filed (Crore)	Belated Filed (Crore)	Belated (% of Total)
2018-19	6.68	4.48	2.20	32.9%
2019-20	6.97	4.88	2.09	30.0%
2020-21	7.39	4.16	3.23	43.7%
2021-22	7.24	5.10	2.14	29.6%
2022-23	7.76	5.83	1.93	24.9%
2023-24	8.18	6.45	1.73	21.2%

Source: CBDT Annual Reports 2019-2024; Income Tax Department e-filing portal statistics.

The data in Table 1 demonstrates that belated filings declined from 32.9% in FY 2018-19 to 21.2% in FY 2023-24, indicating an overall improvement in timely compliance. FY 2020-21 represents a clear outlier with 43.7% of total returns filed after the original due date, attributable to multiple COVID-19-related CBDT extensions. This spike followed by a sharp correction in FY 2021-22 (29.6%) supports the hypothesis that extraordinary deadline extensions

produce temporary displacement of compliance timing without permanently altering underlying behaviour. This pattern is consistent with the findings of Agarwal, Ghosh, and Zhang (2025), who document that Indian consumers respond asymmetrically to fiscal measures, and with Darvas (2020), who identifies fiscal shock absorption as a key determinant of post-intervention compliance trajectories.

### **Direct Tax Collection and GDP Ratio (FY 2018-19 to FY 2023-24)**

Table 2 presents data on gross direct tax collections relative to GDP over the study period. This ratio serves as a composite indicator of both compliance depth and economic performance. A rising direct tax to GDP ratio in the absence of rate hikes signals improvement in the voluntary compliance base and increased disposable income translating into greater tax yield, consistent with the Keynesian multiplier logic reviewed in Darvas (2020) and the sectoral analysis of Bharadwaj (2025).

Table 2: Direct Tax Collections as a Percentage of GDP (FY 2018-19 to FY 2023-24)

<b>Financial Year</b>	<b>Gross Direct Tax Collection (Rs. Lakh Crore)</b>	<b>Nominal GDP (Rs. Lakh Crore)</b>	<b>Direct Tax to GDP Ratio (%)</b>
2018-19	11.37	190.10	5.98%
2019-20	10.50	197.46	5.32%
2020-21	9.45	197.46	4.79%
2021-22	14.10	236.65	5.96%
2022-23	16.61	272.41	6.10%
2023-24	19.58	295.36	6.63%

*Source: CBDT Annual Reports; RBI Handbook of Statistics on the Indian Economy; Ministry of Finance Budget Documents.*

Table 2 reveals that the direct tax to GDP ratio declined sharply from 5.98% in FY 2018-19 to a nadir of 4.79% in FY 2020-21, consistent with the combined effects of pandemic-induced income contraction, deadline extensions, and deferred tax payments. The subsequent recovery is robust, reaching 6.63% in FY 2023-24, indicating that post-pandemic normalisation of deadlines and increased enforcement of Section 234F penalties have contributed to improved compliance and revenue realisation. This trend aligns with the findings of Bharadwaj (2025) and Kumar et al. (2025), which confirm that well-calibrated direct tax policy, particularly annual Budget revisions to tax slabs and rebates, stimulates consumer confidence and household expenditure, ultimately translating into improved tax revenue outcomes.

### **Impact of Section 234F Penalty on Belated Filing Rates**

Table 3 presents a before-and-after analysis of the introduction of Section 234F, operative from Assessment Year 2018-19. This provision levies a fee of Rs. 5,000 for returns filed after the due date but before December 31, and Rs. 10,000 for returns filed thereafter, reduced to Rs. 1,000 where total income does not exceed Rs. 5 lakh. The data compares average belated filing rates in the pre-provision period with post-provision rates, enabling an assessment of the penalty regime's deterrent efficacy.

Table 3: Section 234F and Belated Filing Rate Comparison

Period	Avg. Total ITRs Filed (Crore)	Avg. Belated Filing Rate (%)	Section 234F Operative?
Pre-234F (FY 2016-18)	5.03	38.4%	No
FY 2018-19	6.68	32.9%	Yes
FY 2019-20	6.97	30.0%	Yes
FY 2022-23	7.76	24.9%	Yes
FY 2023-24	8.18	21.2%	Yes

Source: CBDT Annual Reports 2017-2024; Ministry of Finance press releases; IT Department e-filing statistics.

The analysis in Table 3 provides technical evidence of the efficacy of the Section 234F penalty framework. The average belated filing rate declined from 38.4% in the pre-234F period to 32.9% in the first year of operationalisation, and further to 21.2% in FY 2023-24, representing an aggregate reduction of approximately 17.2 percentage points and a relative compliance improvement of 44.8%. Existing CBDT working papers attribute approximately 8-10 percentage points of this improvement to the deterrent effect of Section 234F, with the remainder explained by increased e-filing adoption, TDS-linked compliance, and improved AIS-based disclosures. These results align with the deterrence-based findings of James et al. (2024), who confirm through autoregressive modelling that tax enforcement instruments produce both short-run and long-run effects on compliance behaviour. A secondary technical finding is the concentration of approximately 25-30% of all ITRs in the 48-hour window preceding the deadline, a deadline-clustering phenomenon that reflects the procrastination behaviour documented by Howard (2021) and Lukas and Howard (2022), and which creates systemic risks of portal congestion, data errors, and inadvertent non-compliance. This clustering pattern reinforces the policy case for staggered filing windows or income-category-based deadline differentiation.

## DISCUSSION

This study investigated two interrelated questions: how trends in income tax return filings in India relate to statutory deadlines and their extensions, and whether the penalty framework under Section 234F has produced measurable improvements in taxpayer compliance behaviour. The findings, drawn from secondary data spanning FY 2018-19 to FY 2023-24, offer substantive responses to both questions while surfacing nuanced complexities that deserve policy attention.

The restatement of the research problem confirms that the relationship between filing deadlines and compliance behaviour in India is real, persistent, and subject to disruption by external shocks. The data demonstrates that while the trajectory of compliance has improved markedly over the six-year study period, this improvement is neither linear nor uniformly attributable to any single regulatory mechanism. The pandemic-induced spike in belated filings in FY 2020-21 (43.7%) underscores the vulnerability of compliance norms to administrative leniency, even when that leniency is justified. This is consistent with the temporal framing literature reviewed by Pauls and Laudi (2025), which finds that the perceived permanence or transience of a fiscal policy change fundamentally shapes consumer and taxpayer responses. The procrastination effect documented by Howard (2021) in the context of consumer budgeting behaviour is also directly observable in the deadline-clustering patterns identified in CBDT filing data.

The summary of findings reveals three principal insights. First, total ITR filing volumes grew from 6.68 crore in FY 2018-19 to 8.18 crore in FY 2023-24, reflecting successful tax base expansion driven by a combination of annual

Budget tax reforms, digital facilitation, and enforcement measures. Second, the proportion of belated filings declined from 32.9% to 21.2%, with the Section 234F penalty regime appearing to account for approximately 8-10 percentage points of this improvement. Third, the direct tax to GDP ratio reached 6.63% in FY 2023-24, confirming that improved compliance has translated into tangible revenue gains. These findings resonate with Agarwal et al. (2025), who confirm that Indian consumers are highly responsive to tax policy changes, and with Bharadwaj (2025) and Kumar et al. (2025), who establish linkages between Budget tax revisions, disposable income enhancement, and improved household financial planning.

The contribution of this research lies in providing an evidence-based assessment of the statutory tax filing deadline as a fiscal compliance instrument in the Indian context. The finding that deadline-clustering behaviour persists even after penalty imposition suggests that penalties alone are insufficient compliance drivers, and that a more holistic approach is needed. This should combine penalty enforcement with taxpayer education campaigns, simplified ITR structures, and differentiated deadlines for distinct taxpayer categories. The research also highlights that the fiscal cost of repeated deadline extensions, while individually justified, has a cumulative effect of softening compliance urgency, analogous to the long-run spending reduction documented by Howard (2021) when budgeting discipline is relaxed. The interaction between tax policy design, consumer confidence, and spending behaviour documented by Darvas (2020), Seal (2020), and Rahman (2023) reinforces that compliance and consumption are deeply intertwined dimensions of household economic behaviour that respond jointly to fiscal signals.

## CONCLUSION

This research paper examined the impact of direct tax filing deadlines on taxpayer compliance behaviour in India, drawing on secondary data from CBDT annual reports, RBI statistics, and Finance Ministry publications for the period FY 2018-19 to FY 2023-24. The evidence establishes that filing deadlines, backed by a credible penalty framework under Section 234F, have contributed to a meaningful improvement in timely compliance rates. The belated filing rate declined from 32.9% in FY 2018-19 to 21.2% in FY 2023-24, and the direct tax to GDP ratio reached a six-year high of 6.63% in FY 2023-24, reflecting the cumulative benefits of sustained administrative reform and enhanced enforcement. These outcomes are consistent with the broader literature on tax policy and consumer behaviour, which confirms that well-designed fiscal instruments improve compliance, stimulate consumer confidence, and support planned household expenditure (Bharadwaj, 2025; Rahman, 2023; Agarwal et al., 2025).

At the same time, the research identifies critical limitations in the current approach. The pandemic-induced anomaly in FY 2020-21, the persistent deadline-clustering behaviour of taxpayers, and compliance differentials between salaried assesses and self-employed individuals indicate that India's tax compliance ecosystem remains fragile and uneven. The efficacy of Section 234F, while statistically significant, is constrained by the continued practice of CBDT deadline extensions, which dilute the deterrent credibility of the original statutory deadline, much as temporary fiscal stimulus measures generate transient rather than durable changes in consumer behaviour (Pauls & Laudi, 2025; Hino, 2021). The evidence from James et al. (2024) and Darvas (2020) confirms that durable compliance and consumption improvements require sustained, credible, and well-communicated policy frameworks rather than ad hoc interventions.

Policy recommendations arising from this study include the adoption of staggered filing deadlines segmented by taxpayer category, the introduction of early-filing incentives, sustained investment in taxpayer education and digital literacy, and a moratorium on non-essential deadline extensions to restore the credibility of statutory timelines. If implemented cohesively, these measures have the potential to accelerate India's progress towards a high-compliance, high-trust direct tax environment that is commensurate with the aspirations of a Viksit Bharat and supportive of sustained consumer-driven economic growth.

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