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September Month-End 2023 Credit Insights

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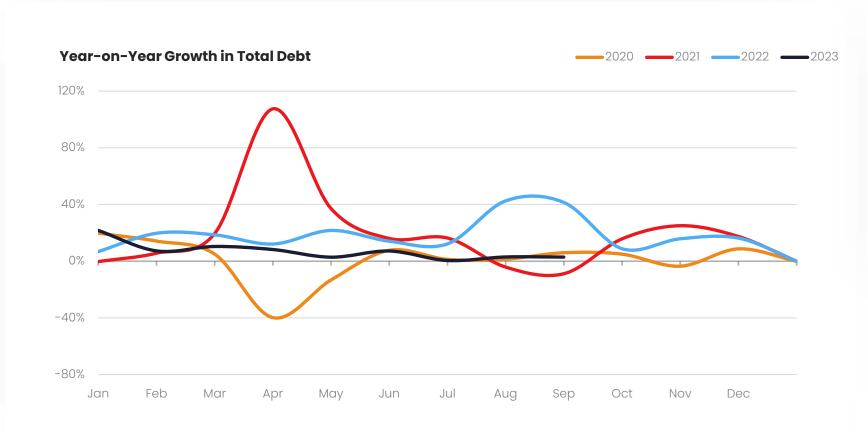




Key Credit Risk Insights.

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Year-on-Year Growth in Total Debt Remains Low, But Still Positive



September 2023

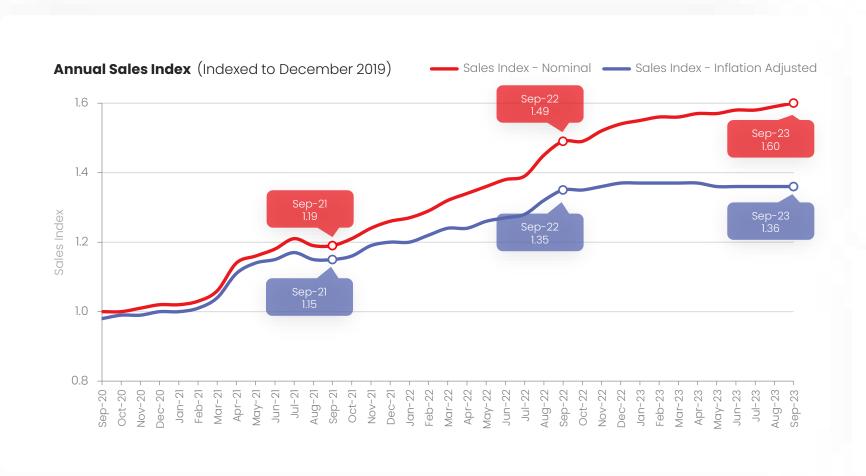


2.9%

Total Debt Balance for Sep-23 was 2.9% higher compared to Sep-22.

Growth in Annual Sales is Soft in Both Gross and Inflation Adjusted Terms

(Indexed to December 2019; Inflation Adjustment Indexed to General CPI)



Nominal Sales

MoM Change

YoY Change



0.6%



7.5%

A second consecutive MoM growth in annual sales was observed in Sep-23, however the longer-term trend is soft.

Inflation Adjusted Sales

MoM Change

YoY Change



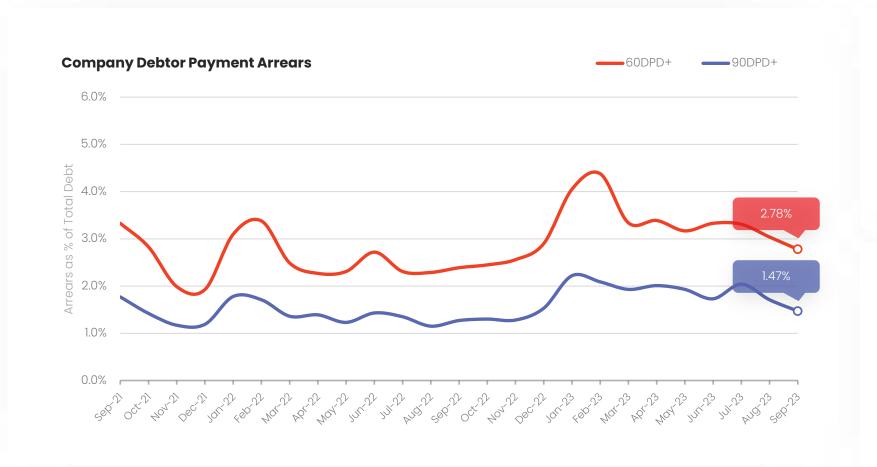
0.2%



0.9%

Inflation adjusted annual sales were largely unchanged in Sep-23. The trend over the past year has been flat.

Company Debtor Arrears: 60DPD+ & 90DPD+ Continue to Improve



60DPD+ Arrears

MoM Change

YoY Change



26bps



39_{bps}

60DPD+ arrears continue to trend downwards since the Feb-23 peak (down 160bps since that point).

90DPD+ Arregrs

MoM Change

YoY Change



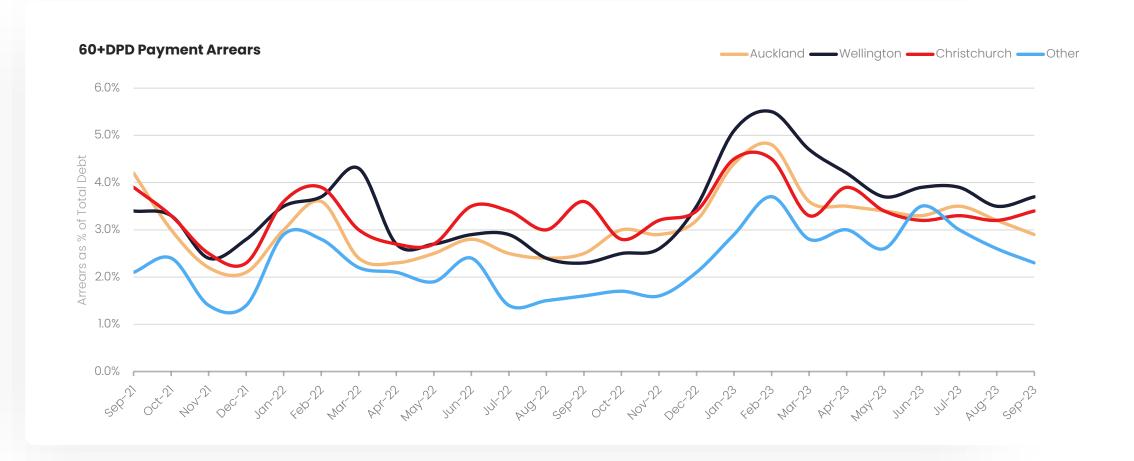
25_{bps}



90DPD+ arrears continue to slowly trend downwards from the Jan-23 peak (down 76bps since that point).

September Improvement in 60DPD+ Arrears Driven by Auckland Debtors

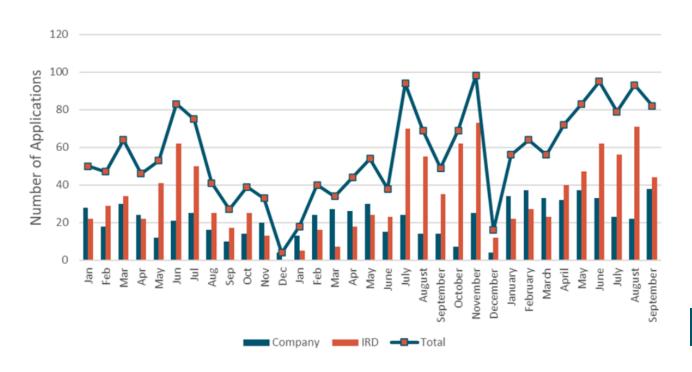
(Location Determined by Debtor Address on the Companies Office)



Winding Up Applications (IRD and Company Combined)

As per the McDonald Vague Insolvency report August 2023

Winding Up Applications (All Companies)



Month-on-Month



4.0%

The <u>annual</u> volume of Winding Up Applications was 4.0% higher in Sep-23 vs. Aug-23.

Year-on-Year



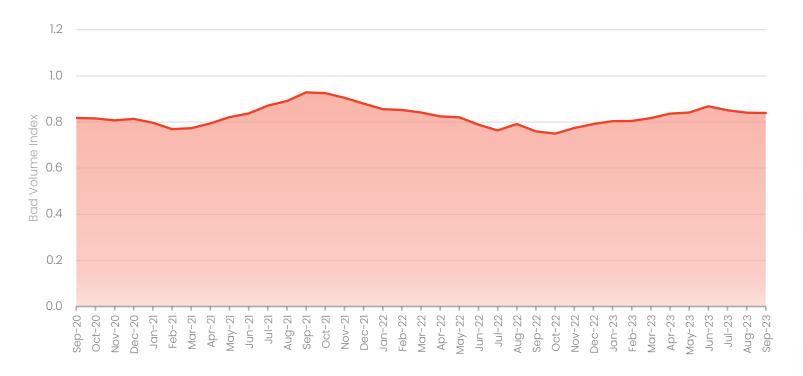
65.3%

The <u>annual</u> volume of Winding Up Applications was 65.3% higher in Sep-23 vs. Sep-22.

Trend in CreditWorks Debtors Going 'Bad'

(Default, Judgement, Administration, Receivership, Liquidation)

Annual Volume of 'Bad' Debtors Index (Indexed to December 2019)



Month-on-Month



0.1%

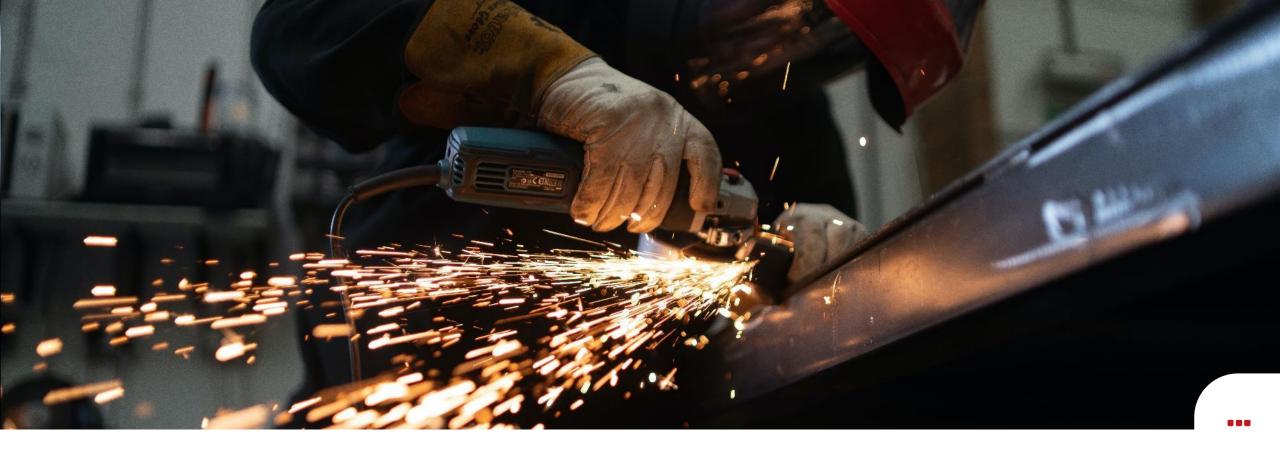
Annual volume of debtors going bad decreased 0.1% MoM in Sep-23.

Year-on-Year



10.5%

Annual volume of debtors going bad was up 10.5% YoY in Sep-23.

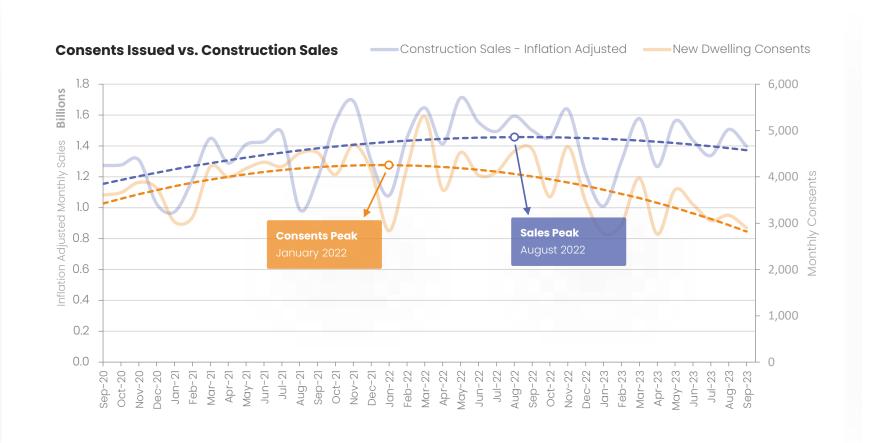




Comparison of Building Consents and Sales Trends.

Construction Sales vs. New Dwelling Consents Issued

(Inflation Indexed to CPI; Base 1000 = December 2019)



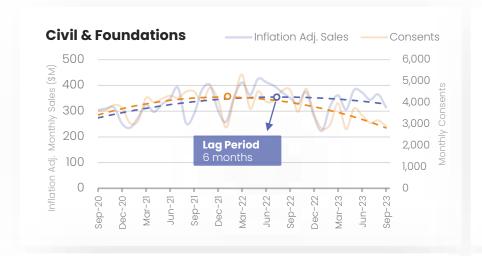
Construction Sales (Inflation Adjusted) vs. New Dwelling Consents Issued

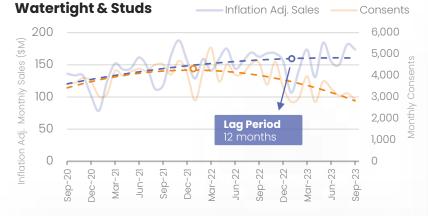
This graph compares monthly consents issued for new dwellings (via Stats NZ) against aggregated monthly sales under CreditWorks' members connected to the construction sector. To remove the impact of inflation, sales have been indexed to the CPI (Base = Dec-19).

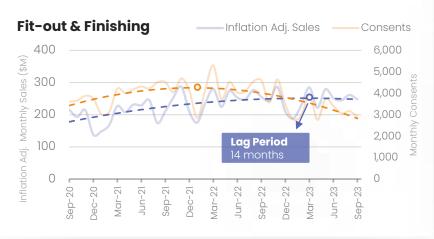
Polynomial trendlines for the last two years are used to cut through month-on-month volatility in the data (e.g., the number of working days, weather, etc.). The respective peaks of these trends show a seven-month lag between consents issued and construction sales.

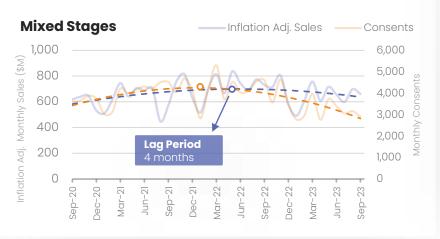
Splitting Construction Sales into Stages Highlights Different Lag Times

(Inflation Indexed to CPI; Base 1000 = December 2019)









Construction Sales (Inflation Adjusted) vs. New Dwelling Consents Issued

Splitting construction sales into broad 'stages' of construction activity confirms the expected relationship of the lag time between the peak of consents and the peak of sales.

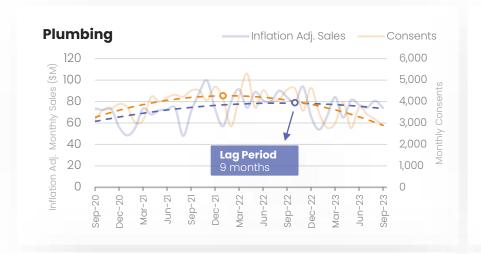
As expected, the shortest lag time is seen in Civil and Foundation type activities (6 months). Conversely, the most prolonged lag is seen in Fit-out and Finishing type activities (14 months).

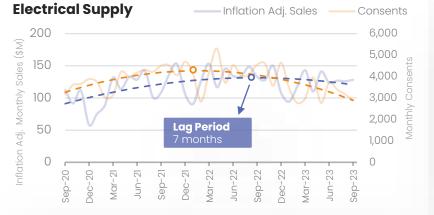
Vendors and merchants that service the full spectrum of construction activities (such as labour hire, fuel/energy and building supply merchants) are categorised separately. Inherently, this group shows a flatter trend in sales.

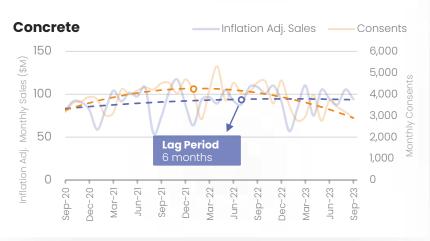


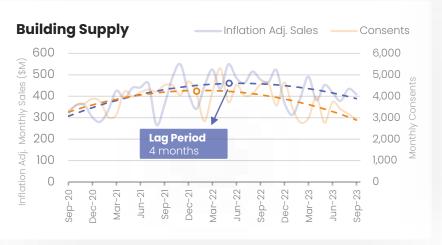
Inflation Adjusted Sales vs Consents for Spotlight Vendor Industries

(Inflation Indexed to CPI; Base 1000 = December 2019)









Construction Sales (Inflation Adjusted) vs. New Dwelling Consents Issued

The graphs shown on this page compare the peak of consents and the peak of sales for the specific vendor industries (those with 'spotlight' sections at the end of this report).

The trends show longer lag between the sales peak and consents peak for Plumbing, relative to the other industry cohorts.

It is noted that the updated data for September 2023 has seen a shift in the trendlines for Plumbing and Electrical Supply sales. The lag between the peaks of sales and consents has shortened by one month in Plumbing and lengthened by one month in Electrical Supply.



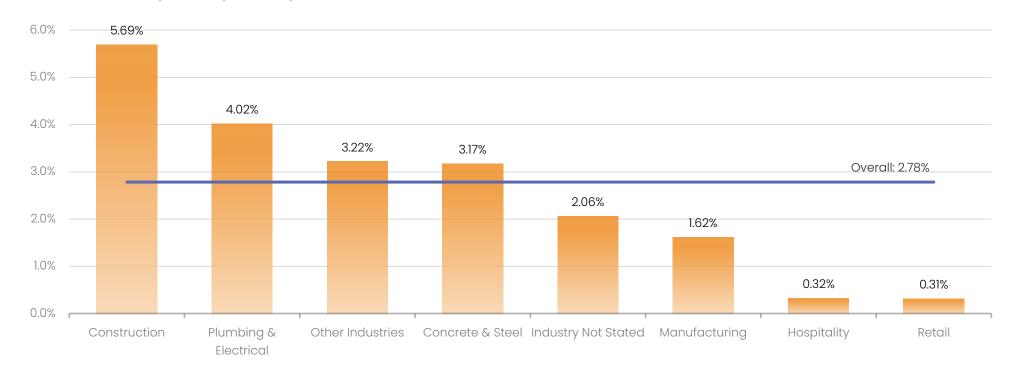


Debtor Industry Insights.

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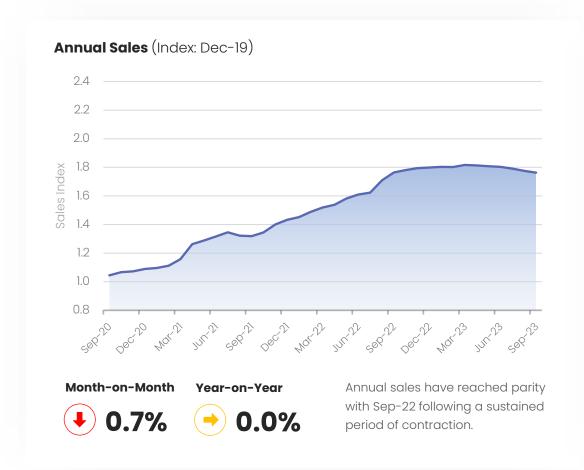
Construction, Concrete & Steel Arrears Unchanged, All Else Improved (Debtor industries (ANZSIC) defined by Companies Office records)

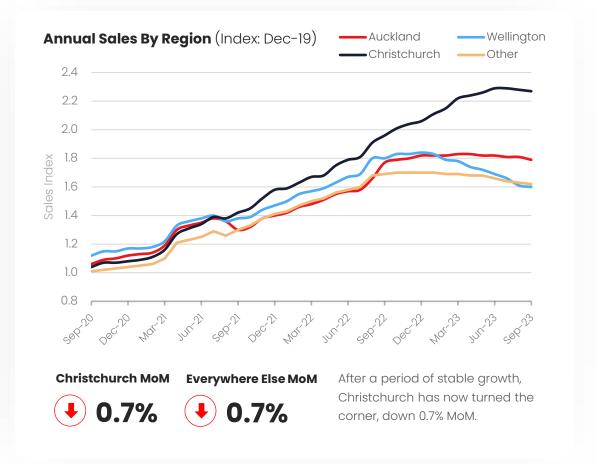
60+DPD Arrears by Industry as at September 2023



Construction Debtors: Sales Growth

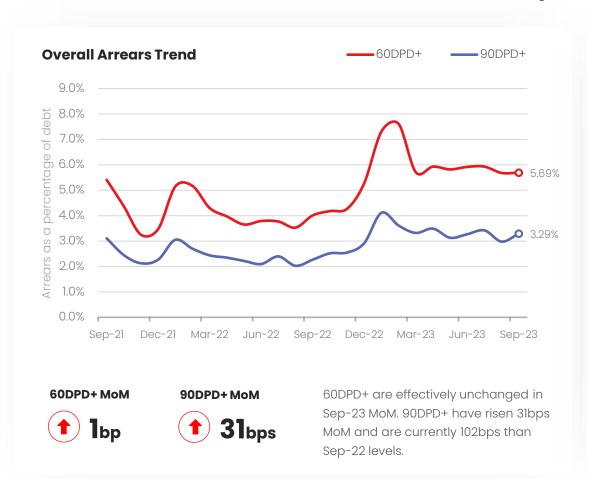
(Debtor industries (ANZSIC) and regions defined by Companies Office records)

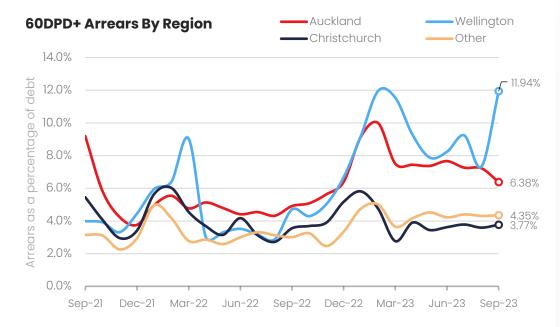




Construction Debtors: Arrears

(Debtor industries (ANZSIC) and regions defined by Companies Office records)



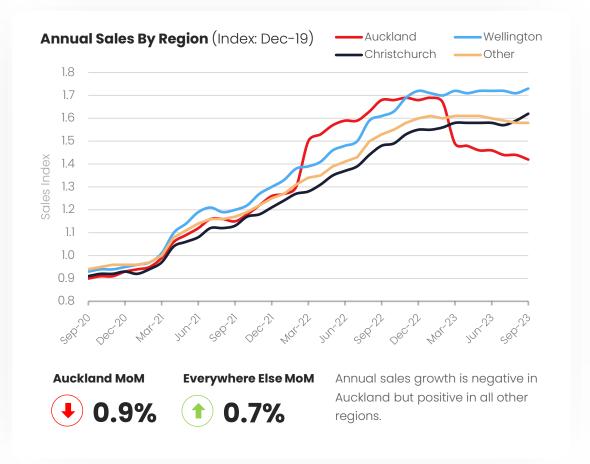


60DPD+ arrears increased significantly in Wellington (+460bps), offsetting an 84bps improvement in Auckland based debtors. Wellington arrears trends tend to be comparatively volatile given a smaller underlying total debt base.

Manufacturing Debtors: Sales Growth

(Debtor industries (ANZSIC) and regions defined by Companies Office records)

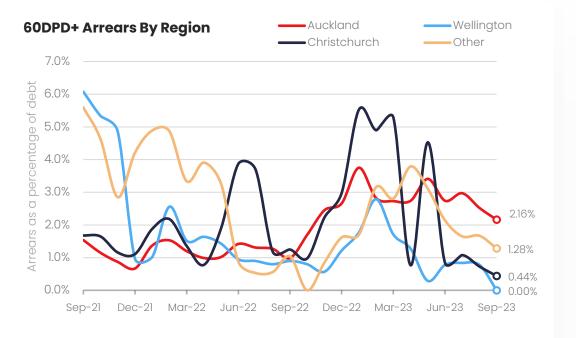




Manufacturing Debtors: Arrears

(Debtor industries (ANZSIC) and regions defined by Companies Office records)



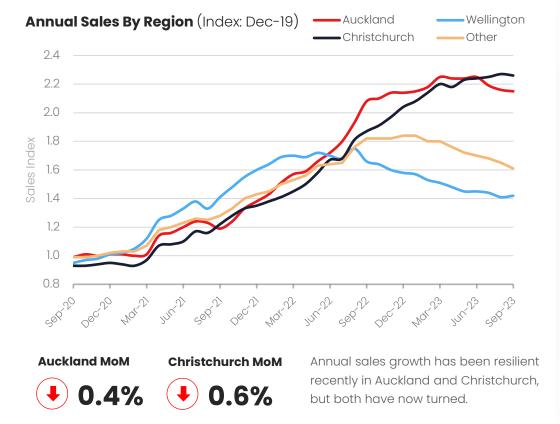


Total Debt for manufacturing debtors is concentrated to the Auckland and 'Other' regions. Auckland based debtor arrears decreased 36bps in Sep-23 and 'Other' region-based debtor arrears decreased by 39bps.

Concrete & Steel Debtors: Sales Growth

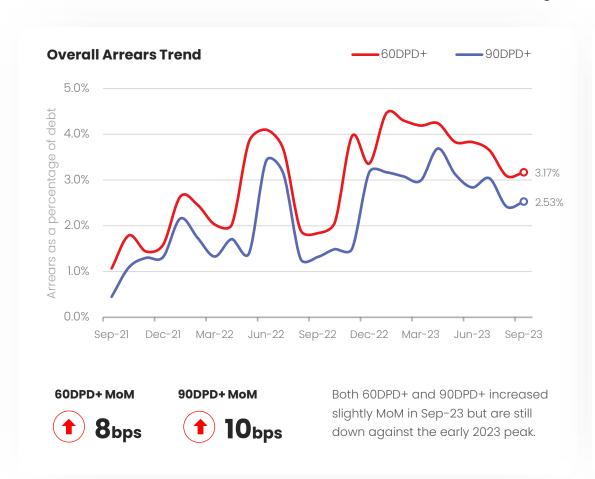
(Debtor industries (ANZSIC) and regions defined by Companies Office records)

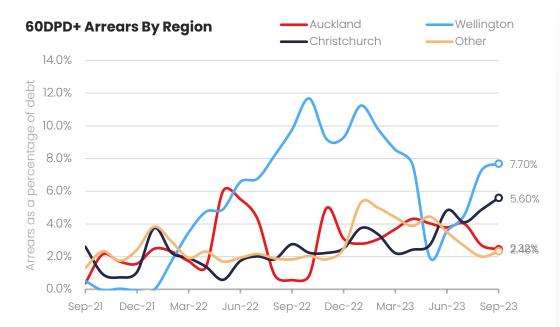




Concrete & Steel Debtors: Arrears

(Debtor industries (ANZSIC) and regions defined by Companies Office records)



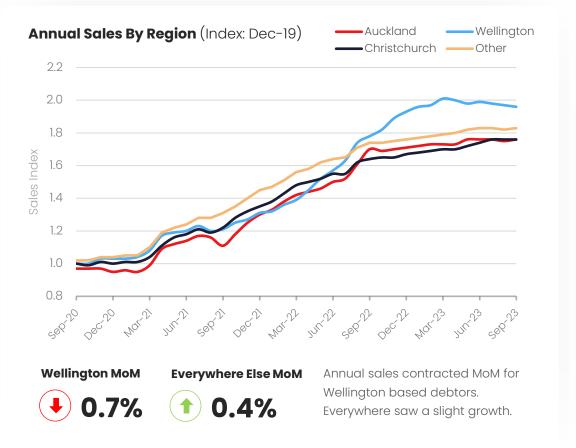


A mixed bag with respect to MoM movements in 60DPD+ arrears in Sep-23. Overall exposure is correlated to Auckland and 'Other' regions. Auckland reduced 25bps through Sep-23, however 'Other' regions were up 32bps over the same period. Wellington and Christchurch were up 42bps and 73bps, respectively.

Plumbing & Electrical Debtors: Sales Growth

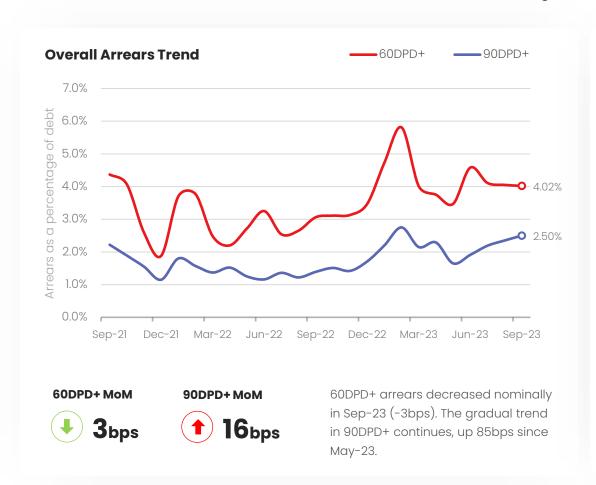
(Debtor industries (ANZSIC) and regions defined by Companies Office records)

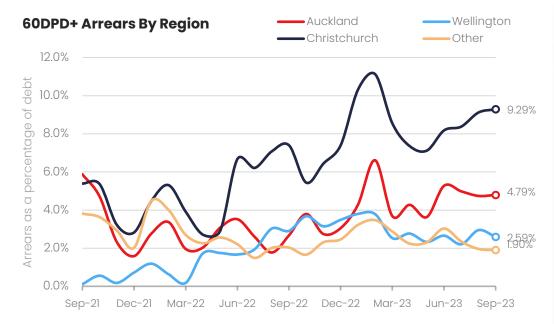




Plumbing & Electrical Debtors: Arrears

(Debtor industries (ANZSIC) and regions defined by Companies Office records)



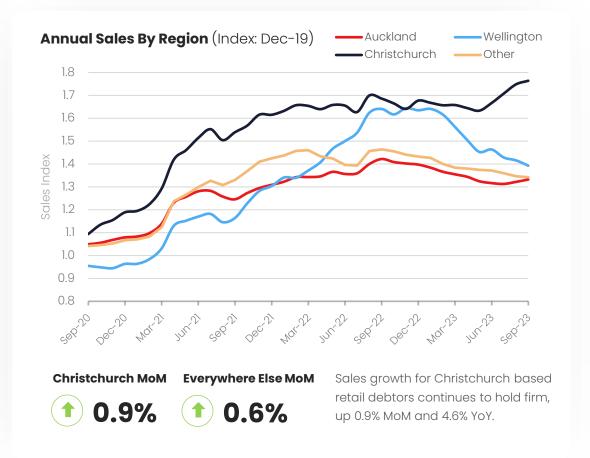


Deterioration in 60DPD+ arrears continues for Christchurch based debtors, up a further 17bps MoM in Sep-23 and Auckland saw a minor increase of 5bps; however, these were offset by reductions in Wellington (-37ps) and 'Other' (-6bps) debtors.

Retail Debtors: Sales Growth

(Debtor industries (ANZSIC) and regions defined by Companies Office records)

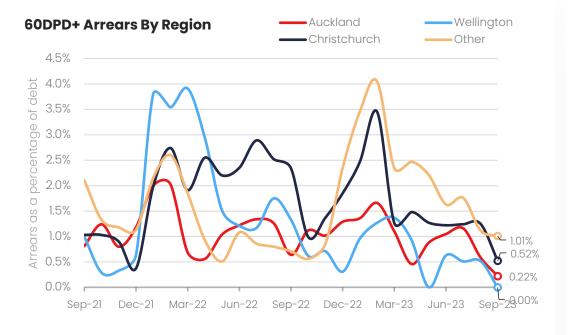




Retail Debtors: Arrears

(Debtor industries (ANZSIC) and regions defined by Companies Office records)



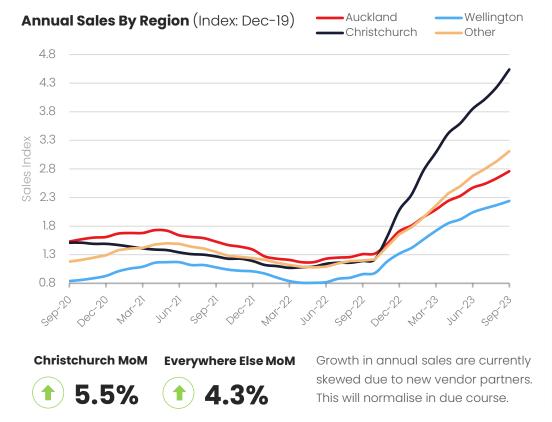


The Sep-23 month-on-month decrease in 60DPD+ arrears was driven by improvement across all regions. Auckland was down 37bps, Wellington by 59bps, Christchurch by 73bps, and 'Other' by 11bps.

Hospitality Debtors: Sales Growth

(Debtor industries (ANZSIC) and regions defined by Companies Office records)

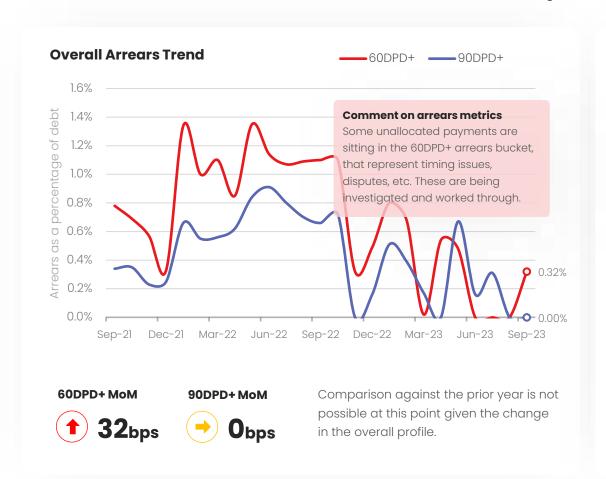


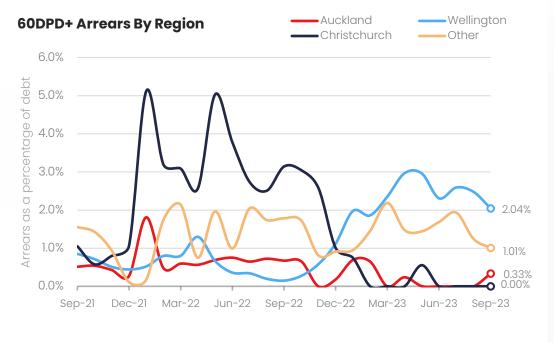


Hospitality Debtors: Arrears

(Debtor industries (ANZSIC) and regions defined by Companies Office records)

the overall profile.





Comparison against the prior year is not possible at this point given the change in





Vendor Industry DSO Insights.

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Days Sales Outstanding by Vendor Industry (1 of 4)

Vendor Segment	DSO - Sep 23	Month-on-Month Change (%)	Year-on-Year Change (%)	Last 12 Month Trend
Air Conditioning / Refrigeration	45.0	3.3%	4.9%	~~~
Aluminium - Wholesale / Extrusion	40.0	-2.3%	7.4%	
Automotive Industry	47.1	-6.2%	3.2%	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Builder - Commercial	31.3	-4.5%	-2.2%	
Builder - Residential	32.7	2.4%	-16.6%	
Building Materials	45.9	-2.3%	1.4%	\sim
Building Sub-Trades	47.0	1.7%	4.5%	
Building Supply Merchants	41.6	-0.6%	-1.0%	~~~

Days Sales Outstanding by Vendor Industry (2 of 4)

Vendor Segment	DSO - Sep 23	Month-on-Month Change (%)	Year-on-Year Change (%)	Last 12 Month Trend
Civil Engineering	40.8	13.3%	9.8%	
Concrete	43.3	3.3%	1.4%	\sim
Electrical Sub-Contractors	44.8	7.9%	-4.9%	-/\-
Electrical Supply Merchants	48.6	-1.8%	-1.8%	~//~
Energy & Fuel Resources	34.2	0.7%	3.2%	
Equipment Hire	46.9	4.2%	13.8%	
Finance & Insurance	60.0	-5.8%	8.9%	~
Flooring	47.9	-1.0%	29.7%	

Days Sales Outstanding by Vendor Industry (3 of 4)

Vendor Segment	DSO - Sep 23	Month-on-Month Change (%)	Year-on-Year Change (%)	Last 12 Month Trend
Food & Beverage	35.0	-1.0%	-7.0%	√
Glass	41.3	2.0%	11.6%	
Labour Hire	39.0	6.0%	4.0%	$\sim\sim\sim$
Manufacturing	46.8	17.5%	8.4%	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Other Building	45.2	7.7%	-27.5%	
Plumbing	37.8	3.2%	0.8%	
Pulp, Paper and Printing	38.2	-21.1%	-20.1%	~/^
Retail	40.2	-18.5%	20.2%	\wedge

Days Sales Outstanding by Vendor Industry (4 of 4)

Vendor Segment	DSO - Sep 23	Month-on-Month Change (%)	Year-on-Year Change (%)	Last 12 Month Trend
Roofing	44.8	7.1%	12.3%	~~~
Steel / Metal Products	35.4	4.7%	1.2%	
Technology & Service Providers	41.1	-1.2%	-4.8%	
Timber	44.3	-1.9%	-8.6%	~~~
Travel	30.0	-9.0%	-2.3%	
Window Fabricators / Installers	42.6	-3.1%	-7.0%	

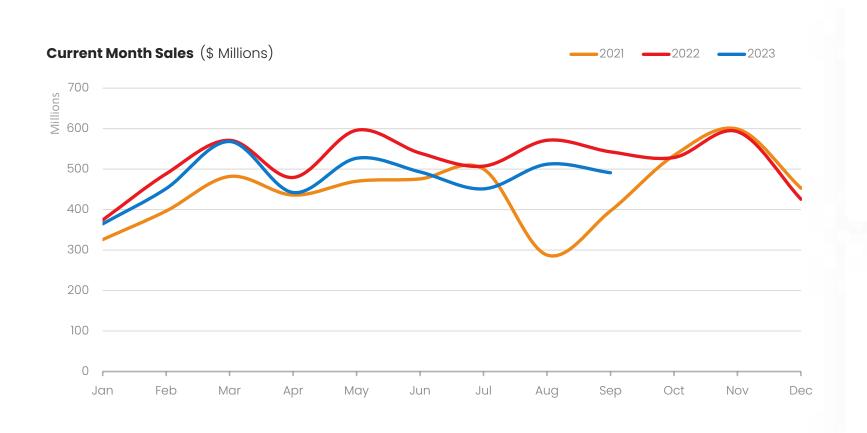




Building Merchant Insights.

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Building Merchant Current Month Sales



Month-on-Month



4.1%

Monthly sales decreased by 4.1% from August 2023 to September 2023.

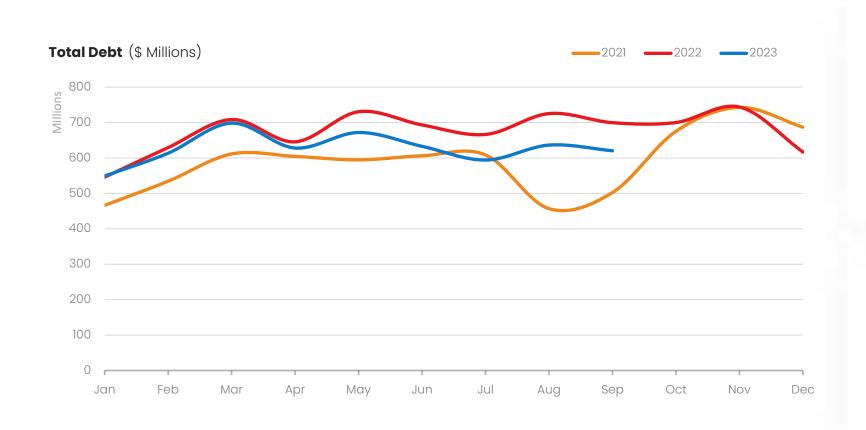
Year-on-Year



9.5%

Monthly sales for September 2023 were 9.5% lower than September 2022.

Building Merchant Total Debt



Month-on-Month



2.5%

Total Debt decreased by 2.5% from August 2023 to September 2023.

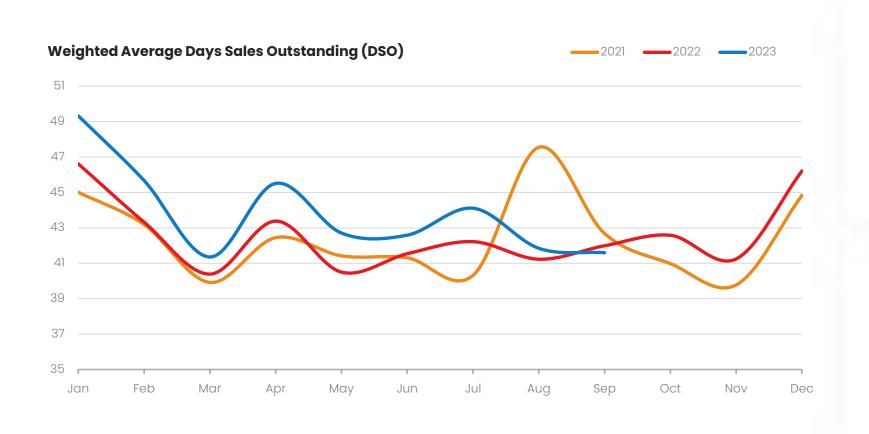
Year-on-Year



11.3%

Total Debt was 11.3% lower in September 2023 compared to September 2022.

Building Merchant Days Sales Outstanding



Month-on-Month



0.6%

Weighted average DSO decreased by 0.6% from Aug-23 to Sep-23.

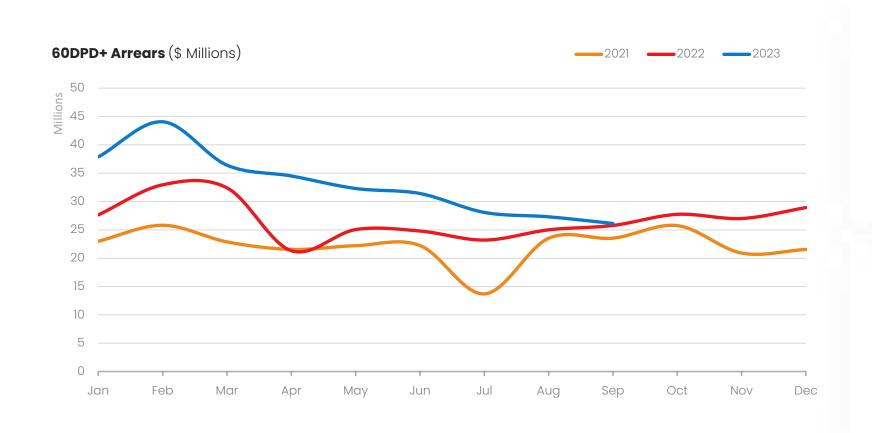
Year-on-Year



1.0%

Weighted average DSO was 1.0% lower in Sep-23 vs Sep-22.

Building Merchant Arrears in Dollars (60+DPD)



Month-on-Month



4.3%

60DPD+ arrears were down 4.3% from August 2023 to September 2023.

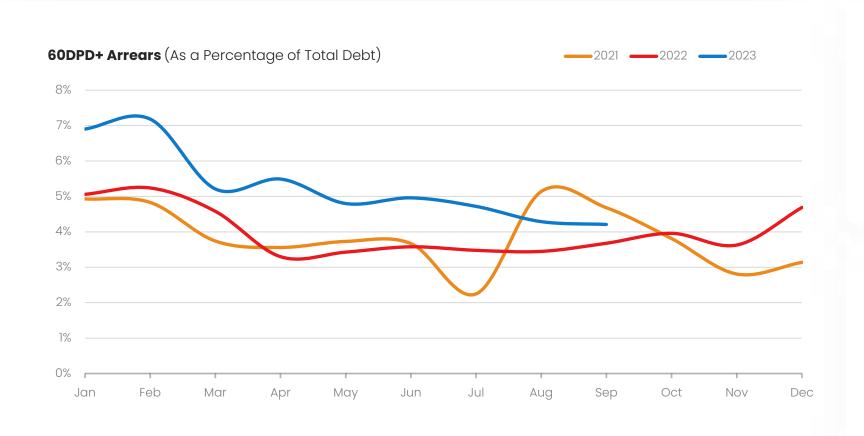
Year-on-Year



1.3%

60DPD+ arrears were up 1.3% from September 2022 to September 2023.

Building Merchant Arrears in Percentages (60+DPD)



Month-on-Month



8bps

60DPD+ arrears were 8bps lower in September 2023 compared to August 2023.

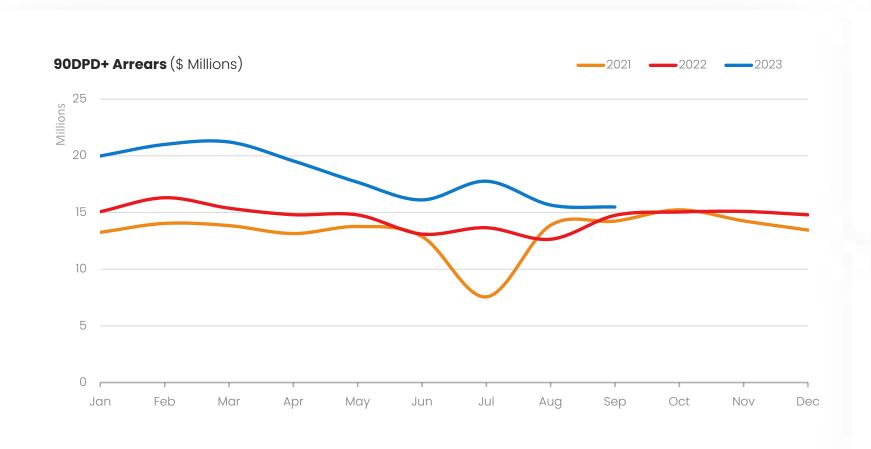
Year-on-Year



53bps

60DPD+ arrears were 53bps higher in September 2023 compared to September 2022.

Building Merchant Arrears in Dollars (90+DPD)



Month-on-Month



1.1%

90DPD+ arrears were down 1.1% from August 2023 to September 2023.

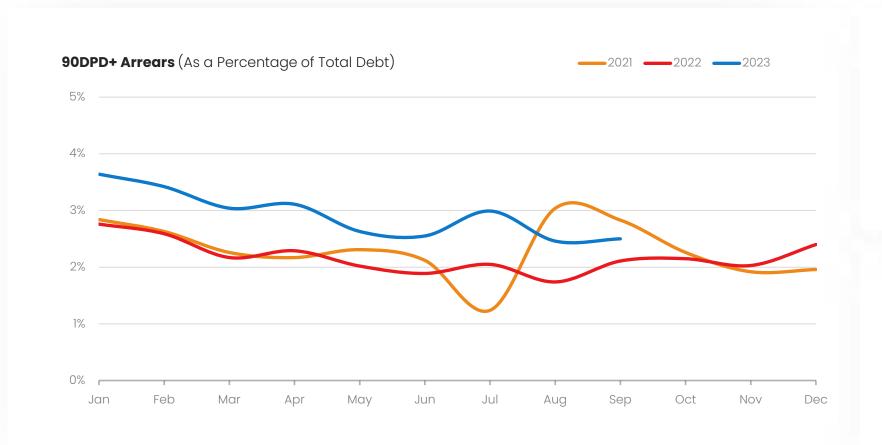
Year-on-Year



5.0%

90DPD+ arrears were up 5.0% from September 2022 to September 2023.

Building Merchant Arrears in Percentages (90+DPD)



Month-on-Month



3bps

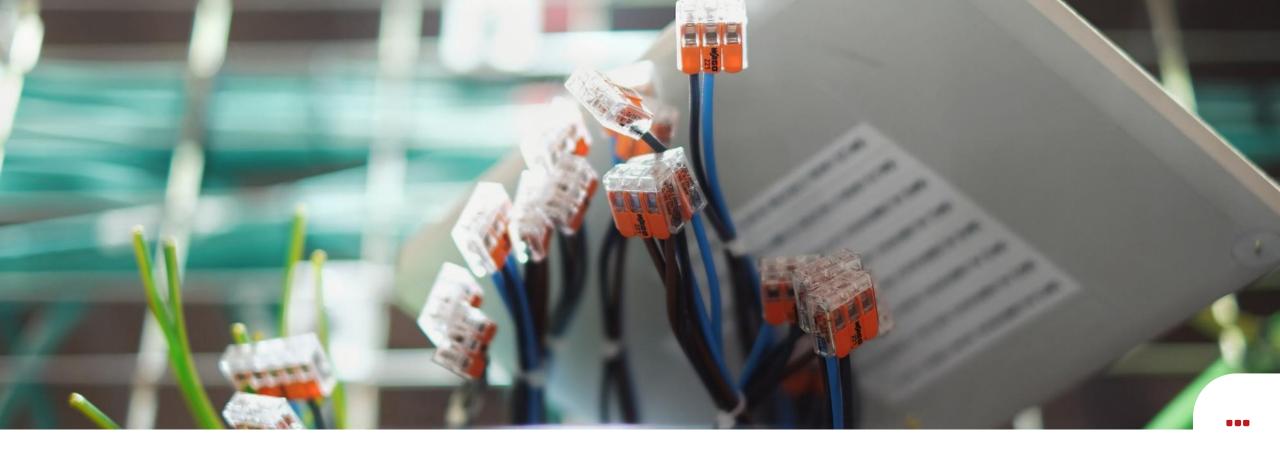
90DPD+ arrears were 3bps higher in September 2023 compared to August 2023.

Year-on-Year



39_{bps}

90DPD+ arrears were 39bps higher in September 2023 compared to September 2022.

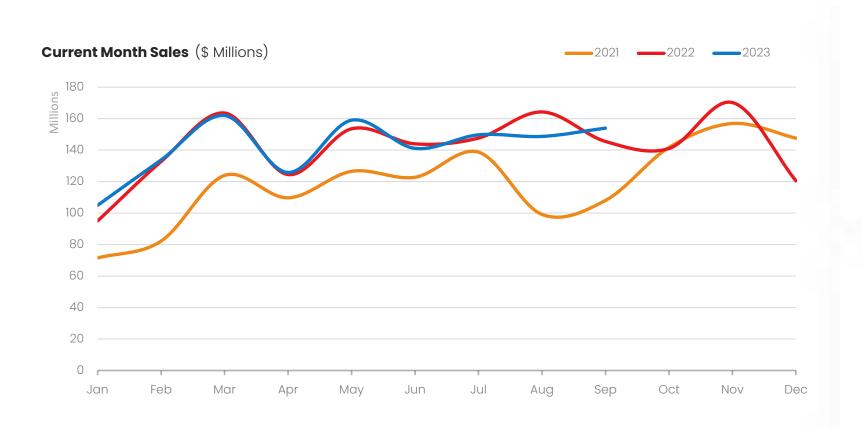




Electrical Merchant Insights.

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Electrical Merchant Current Month Sales



Month-on-Month



3.5%

Monthly sales increased by 3.5% from August 2023 to September 2023.

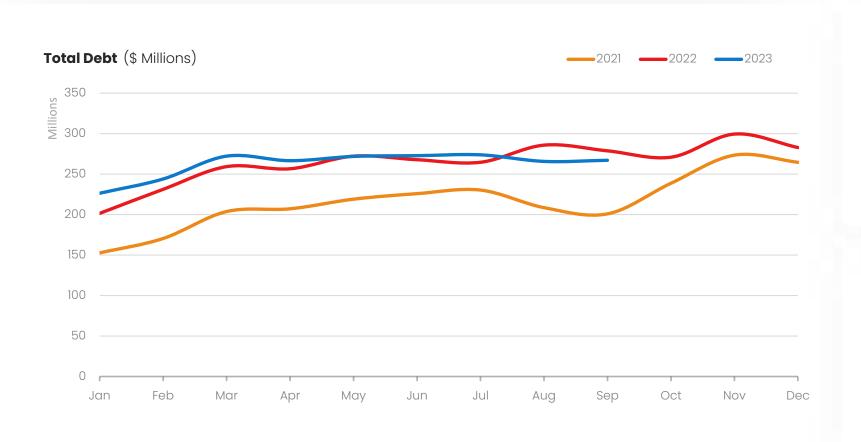
Year-on-Year



5.8%

Monthly sales for September 2023 were 5.8% higher than September 2022.

Electrical Merchant Total Debt



Month-on-Month



0.5%

Total Debt increased by 0.5% from August 2023 to September 2023.

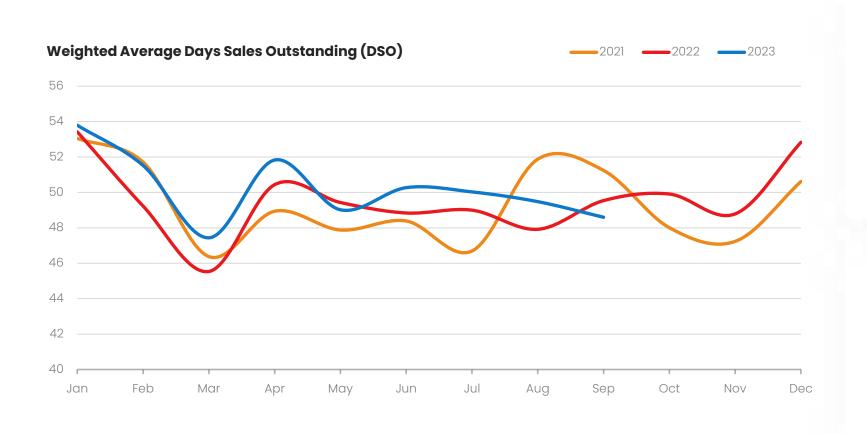
Year-on-Year



4.2%

Total Debt was 4.2% lower in September 2023 compared to September 2022.

Electrical Merchant Days Sales Outstanding



Month-on-Month



1.8%

Weighted average DSO decreased by 1.8% from Aug-23 to Sep-23.

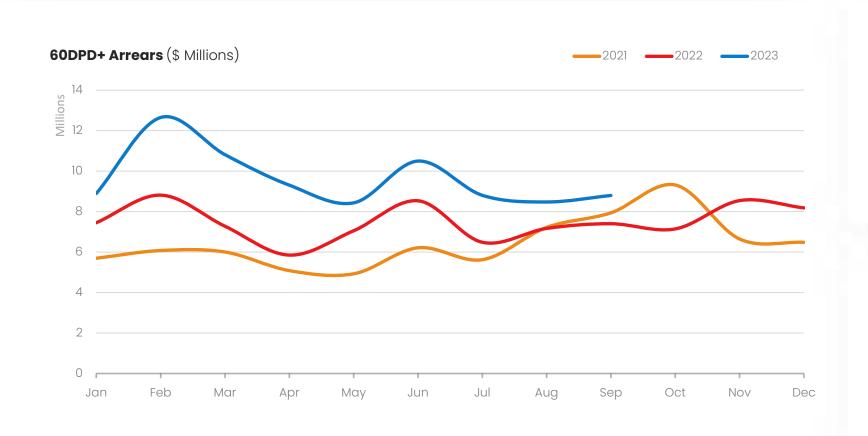
Year-on-Year



1.8%

Weighted average DSO was 1.8% lower in Sep-23 vs Sep-22.

Electrical Merchant Arrears in Dollars (60+DPD)



Month-on-Month



1 3.8%

60DPD+ arrears were up 3.8% from August 2023 to September 2023.

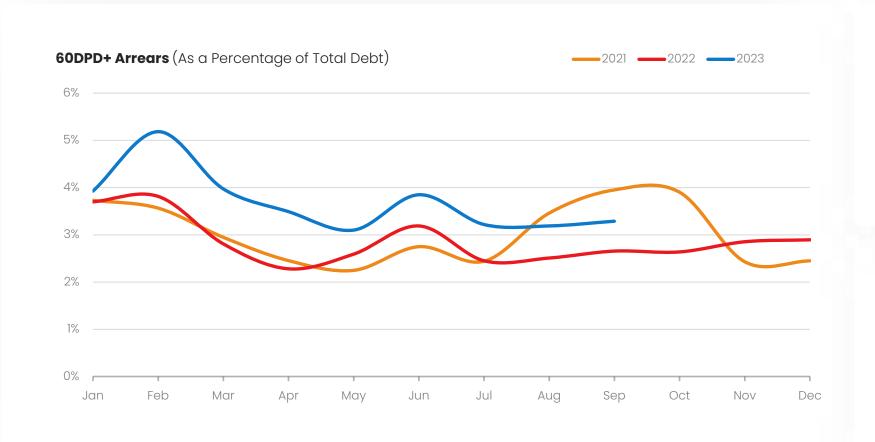
Year-on-Year



18.9%

60DPD+ arrears were up 18.9% from September 2022 to September 2023.

Electrical Merchant Arrears in Percentages (60+DPD)



Month-on-Month



10bps

60DPD+ arrears were 10bps higher in September 2023 compared to August 2023.

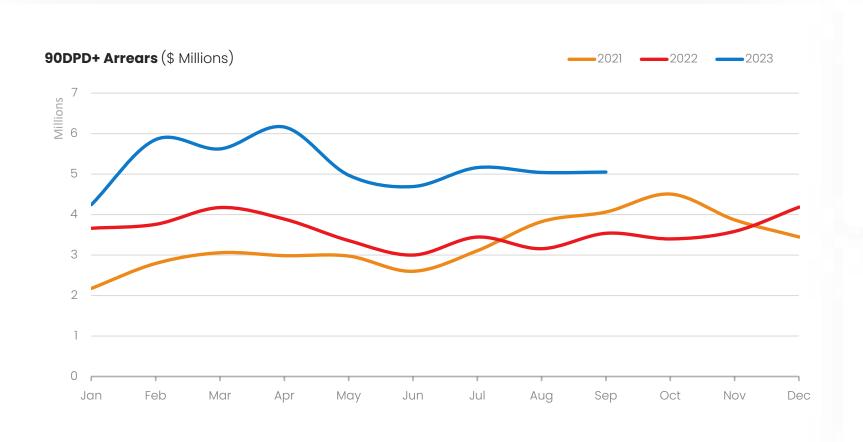
Year-on-Year



64bps

60DPD+ arrears were 64bps higher in September 2023 compared to September 2022.

Electrical Merchant Arrears in Dollars (90+DPD)



Month-on-Month



0.2%

90DPD+ arrears were up 0.2% from August 2023 to September 2023.

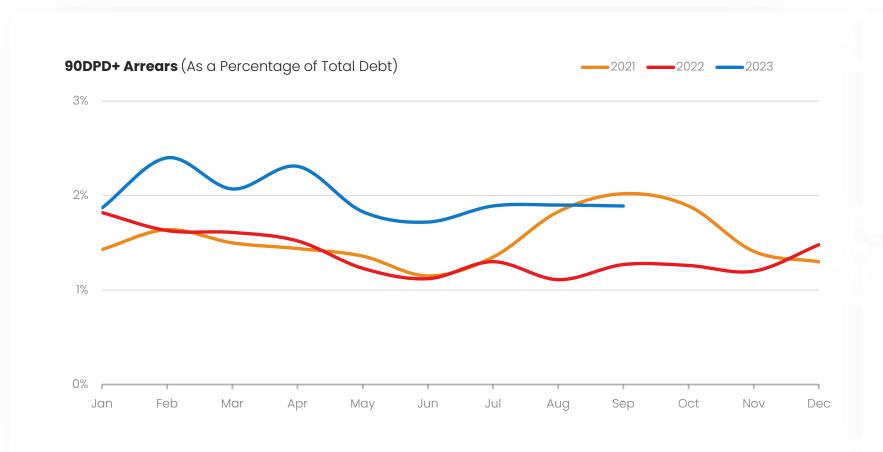
Year-on-Year



42.7%

90DPD+ arrears were up 42.7% from September 2022 to September 2023.

Electrical Merchant Arrears in Percentages (90+DPD)



Month-on-Month



lbp

90DPD+ arrears were 1bp lower in September 2023 compared to August 2023.

Year-on-Year



62bps

90DPD+ arrears were 62bps higher in September 2023 compared to September 2022.

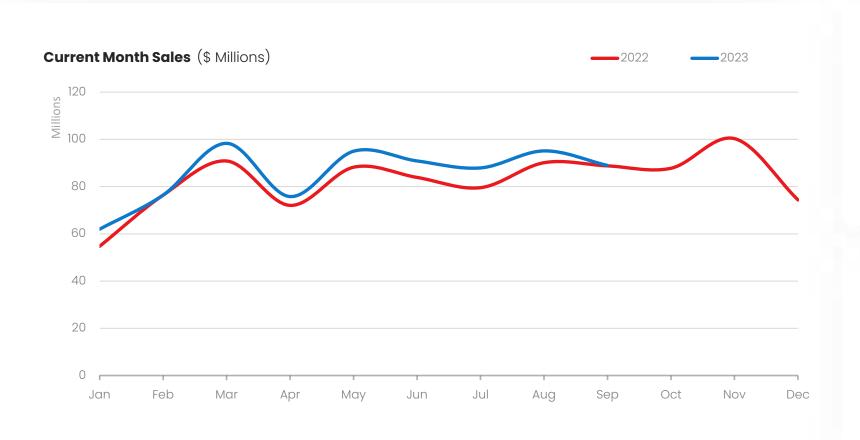




Plumbing Merchant Insights.

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Plumbing Merchant Current Month Sales



Month-on-Month



6.5%

Monthly sales decreased by 8.2% from August 2023 to September 2023.

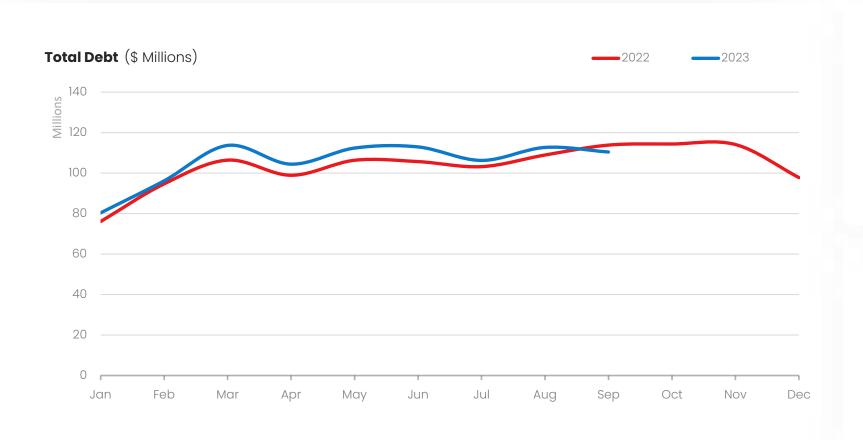
Year-on-Year



0.2%

Monthly sales for September 2023 were 0.2% higher than September 2022.

Plumbing Merchant Total Debt



Month-on-Month



• 2.0%

Total Debt decreased by 2.0% from August 2023 to September 2023.

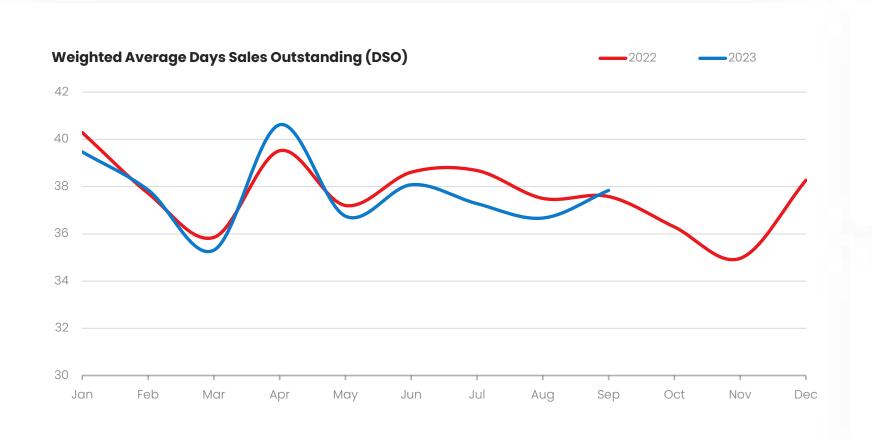
Year-on-Year



3.0%

Total Debt was 3.0% lower in September 2023 compared to September 2022.

Plumbing Merchant Days Sales Outstanding



Month-on-Month



1 3.2%

Weighted average DSO increased by 3.2% from Aug-23 to Sep-23.

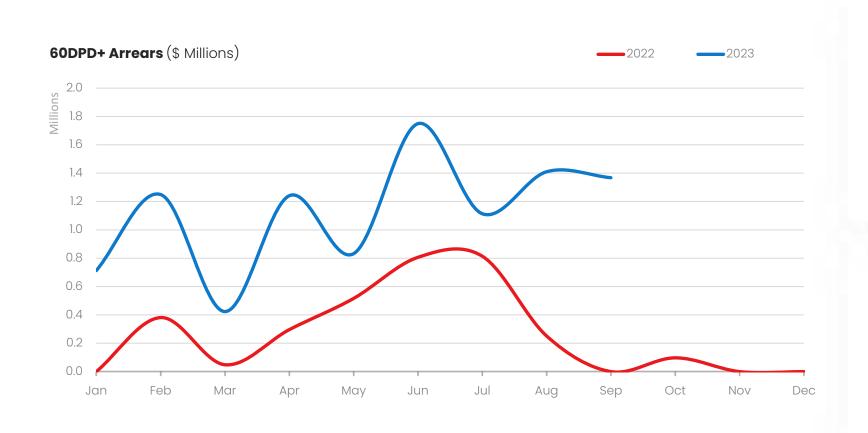
Year-on-Year



0.8%

Weighted average DSO was 0.8% higher in Sep-23 vs Sep-22.

Plumbing Merchant Arrears in Dollars (60+DPD)



Month-on-Month



3.0%

60DPD+ arrears were down 3.0% from August 2023 to September 2023.

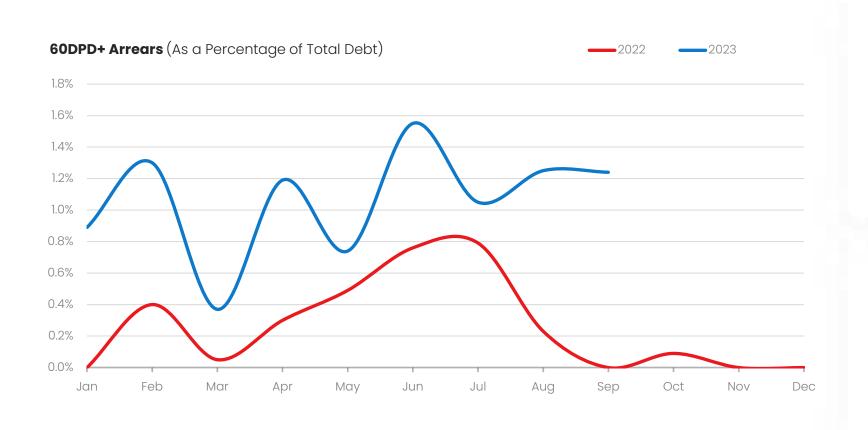
Year-on-Year



N/A

YoY comparison in percentage terms is not possible as Sep-22 was nil.

Plumbing Merchant Arrears in Percentages (60+DPD)



Month-on-Month



lbp

60DPD+ arrears were 1bps higher in September 2023 compared to August 2023.

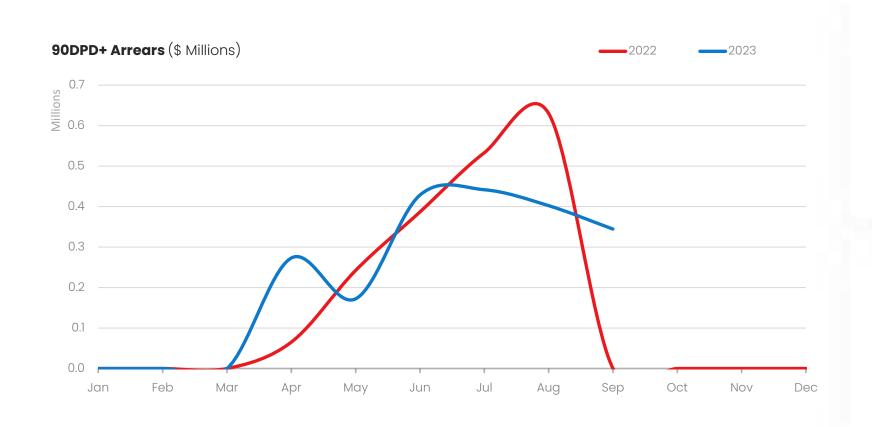
Year-on-Year



124bps

Note: Sep-22 60DPD+ arrears were nil.

Plumbing Merchant Arrears in Dollars (90+DPD)



Month-on-Month



14.4%

90DPD+ arrears were down 14.4% from August 2023 to September 2023.

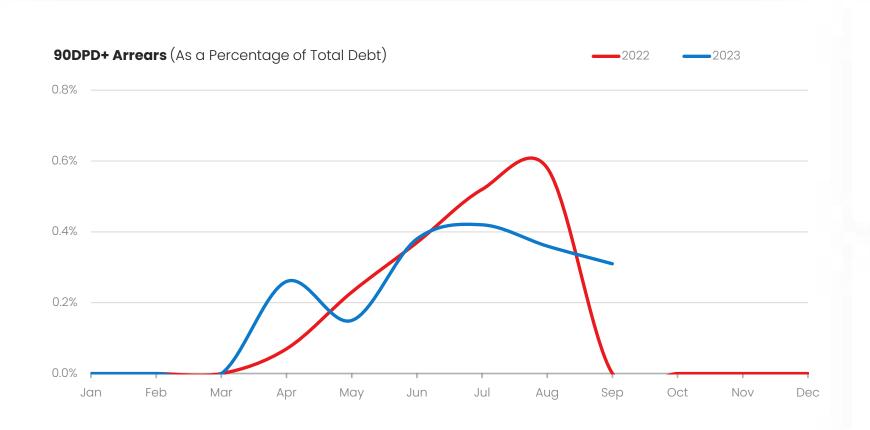
Year-on-Year



N/A

YoY comparison in percentage terms is not possible as Sep-22 was nil.

Plumbing Merchant Arrears in Percentages (90+DPD)



Month-on-Month



5_{bps}

90DPD+ arrears were 5bps lower in September 2023 compared to August 2023.

Year-on-Year



31bps

Note: Sep-22 60DPD+ arrears were nil.

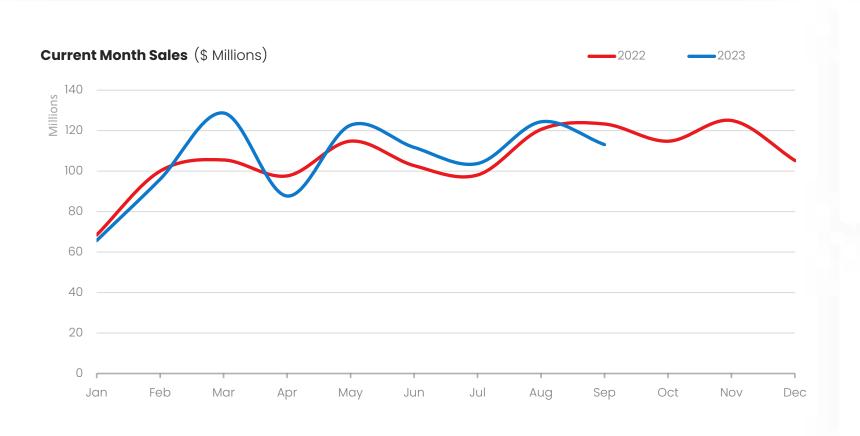




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Concrete Merchant Current Month Sales



Month-on-Month



9.1%

Monthly sales decreased by 9.1% from August 2023 to September 2023.

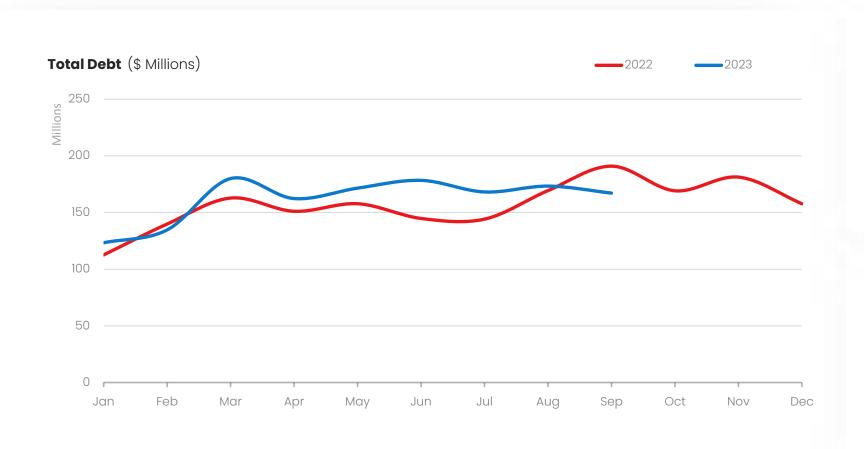
Year-on-Year



8.3%

Monthly sales for September 2023 were 8.3% lower than September 2022.

Concrete Merchant Total Debt



Month-on-Month



3.5%

Total Debt decreased by 3.5% from August 2023 to September 2023.

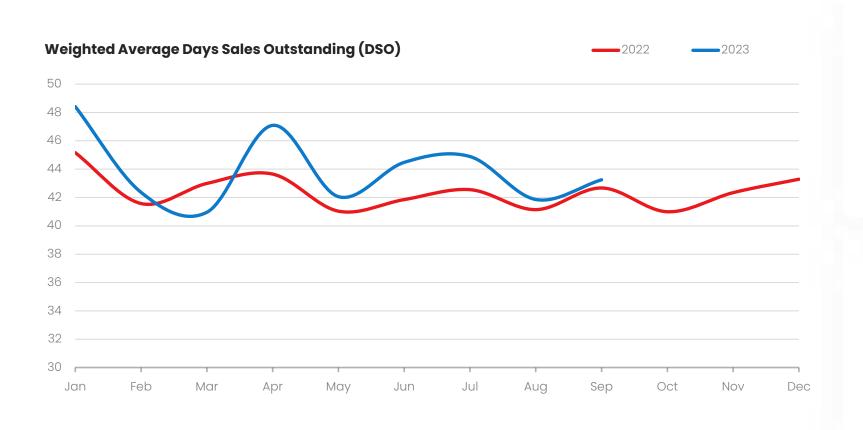
Year-on-Year



12.4%

Total Debt was 12.4% lower in September 2023 compared to September 2022.

Concrete Merchant Days Sales Outstanding



Month-on-Month



1 3.3%

Weighted average DSO increased by 3.3% from Aug-23 to Sep-23.

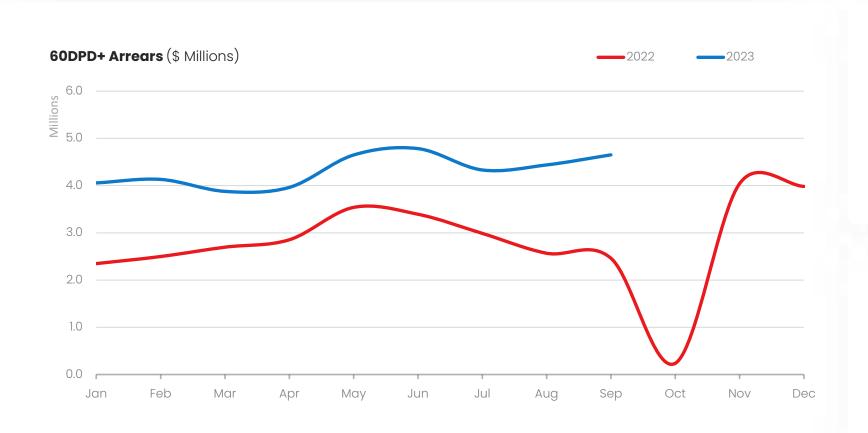
Year-on-Year



1.4%

Weighted average DSO was 1.4% higher in Sep-23 vs Sep-22.

Concrete Merchant Arrears in Dollars (60+DPD)



Month-on-Month



4.8%

60DPD+ arrears were up 4.8% from August 2023 to September 2023.

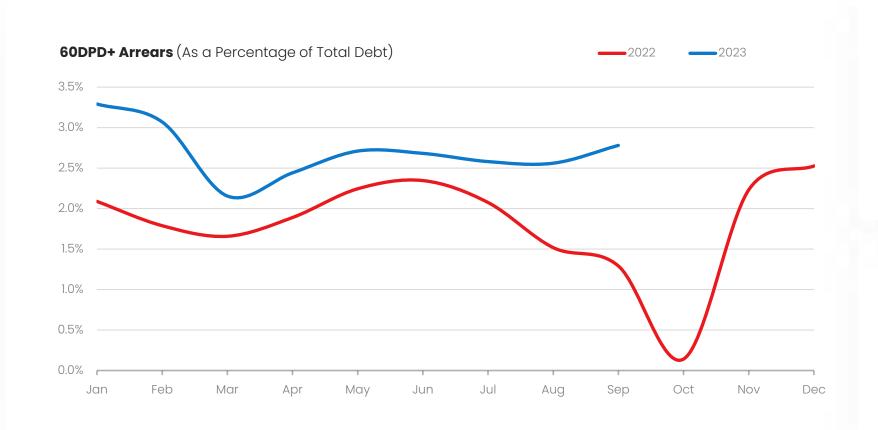
Year-on-Year



88.9%

60DPD+ arrears were up 88.9% from September 2022 to September 2023.

Concrete Merchant Arrears in Percentages (60+DPD)



Month-on-Month



1 22bps

60DPD+ arrears were 22bps higher in September 2023 compared to August 2023.

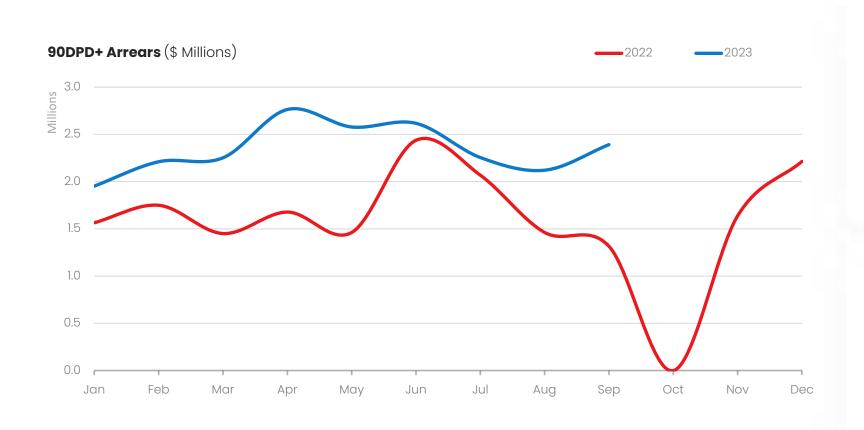
Year-on-Year



149bps

60DPD+ arrears were 149bps higher in September 2023 compared to September 2022.

Concrete Merchant Arrears in Dollars (90+DPD)



Month-on-Month



12.8%

90DPD+ arrears were up 12.8% from August 2023 to September 2023.

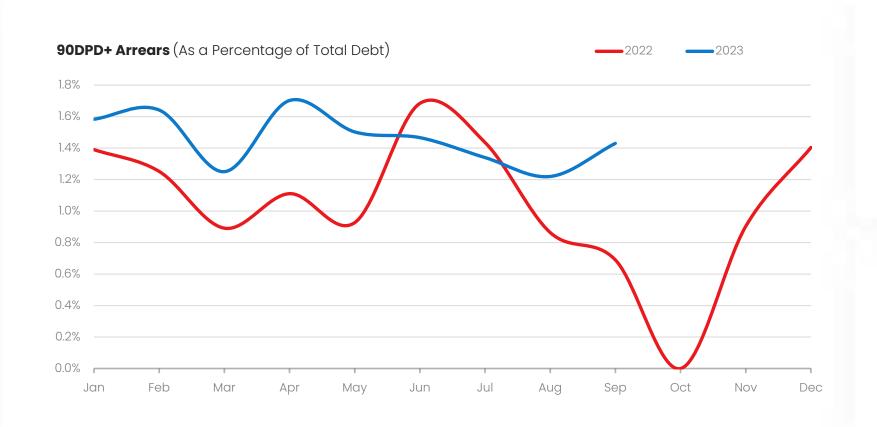
Year-on-Year



81.7%

90DPD+ arrears were up 81.7% from September 2022 to September 2023.

Concrete Merchant Arrears in Percentages (90+DPD)



Month-on-Month



1 21bps

90DPD+ arrears were 21bps higher in September 2023 compared to August 2023.

Year-on-Year



74bps

90DPD+ arrears were 74bps higher in September 2023 compared to September 2022.