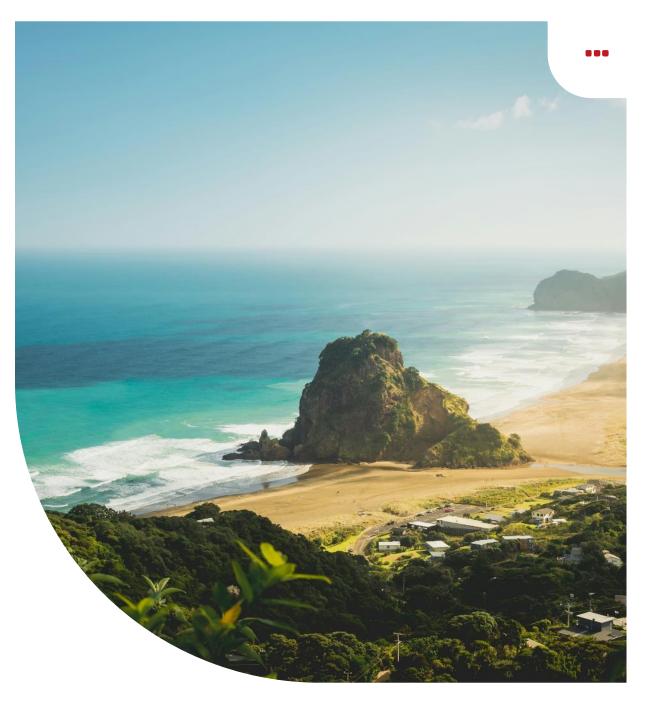


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#### December Month-End 2023 Credit Insights

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- Overall Debtor Company Payment Arrears
- Volume of Debtors Going 'Bad' (Defaults, Judgements, etc.) and Winding Up Applications

#### >> Comparison of Building Consent and Sales Trends – Page 10

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- Building Supply Merchant Vendor Spotlight Page 33
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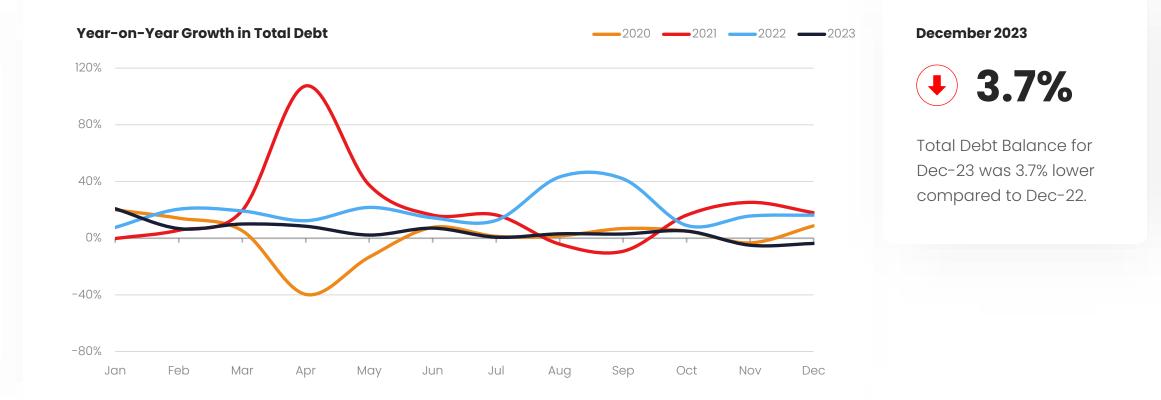




# Key Credit Risk Insights.

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#### Year-on-Year Growth in Total Debt Enters Negative Territory

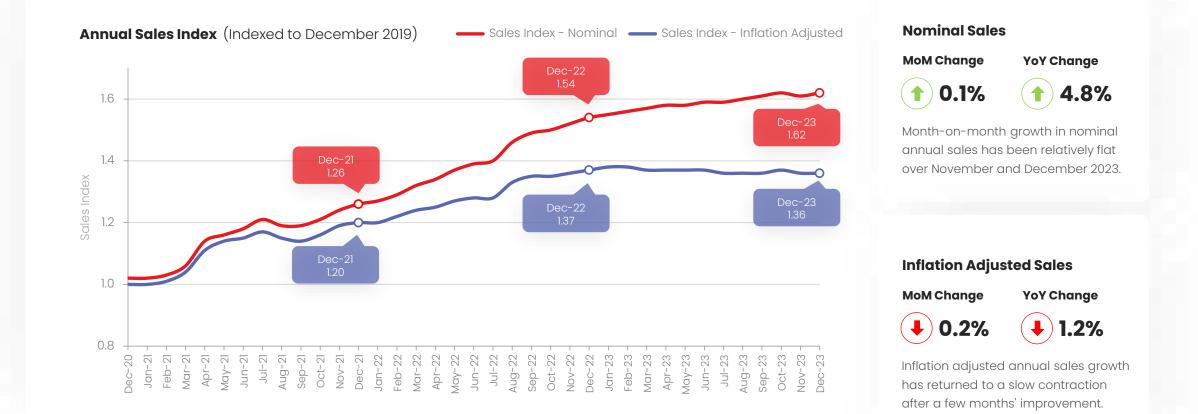


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### Nominal Sales Flat & Inflation Adjusted Sales Slightly Down in December

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





#### Company Debtors: 60DPD+ & 90DPD+ See Small Seasonal Increases

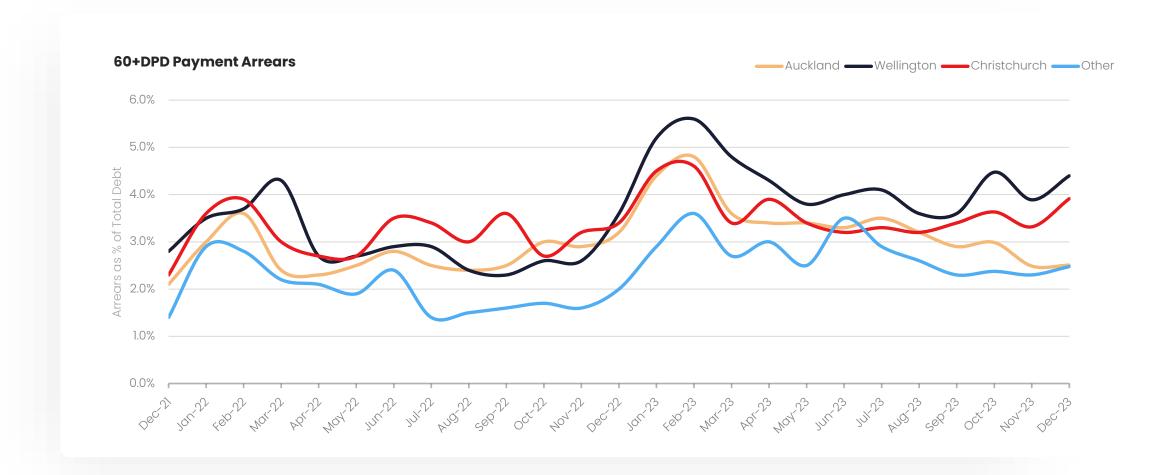




Page 6 Creditworks

### Christchurch & Wellington Debtors Underpin the 60DPD+ Arrears Increase

(Location Determined by Debtor Address on the Companies Office)

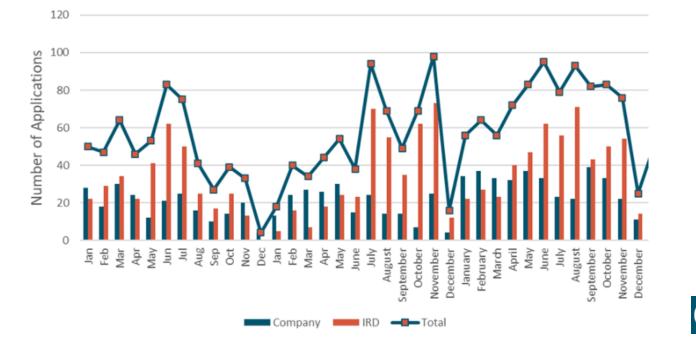




## Winding Up Applications (IRD and Company Combined)

As per the McDonald Vague Insolvency report December 2023

#### Winding Up Applications (All Companies)



#### Month-on-Month



The <u>annual</u> volume of Winding Up Applications was 2.5% higher in Dec-23 vs. Nov-23.

#### Year-on-Year



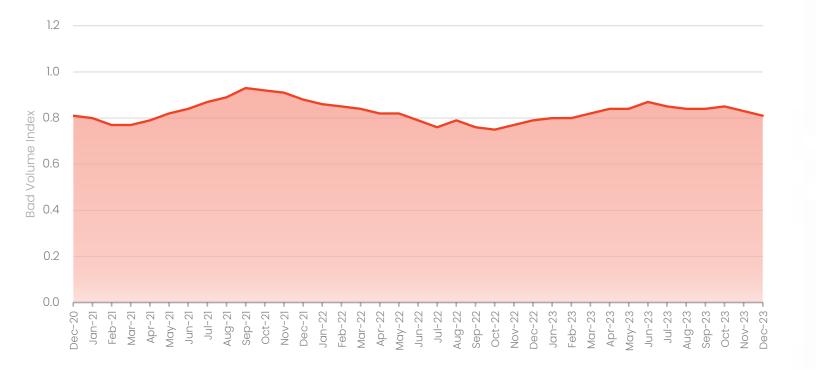
The <u>annual</u> volume of Winding Up Applications was 38.8% higher in Dec-23 vs. Dec-22.



### Trend in CreditWorks Debtors Going 'Bad'

(Default, Judgement, Administration, Receivership, Liquidation)

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



Month-on-Month

**↓** 1.9%

Annual volume of debtors going bad decreased 1.9% MoM in Dec-23.

Year-on-Year

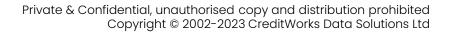
**1** 2.8%

Annual volume of debtors going bad was up 2.8% YoY in Dec-23.





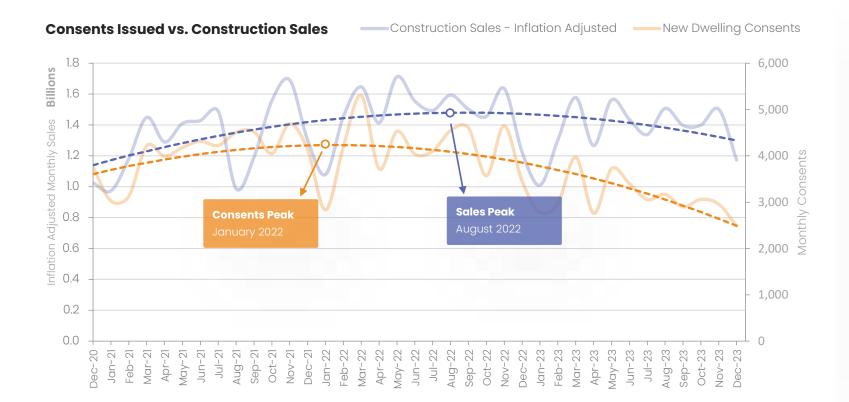
# Comparison of Building Consents and Sales Trends.





### Overall Lag Between Construction Sales vs. New Dwelling Consents Issued in December Remains Unchanged at Seven Months.

(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).

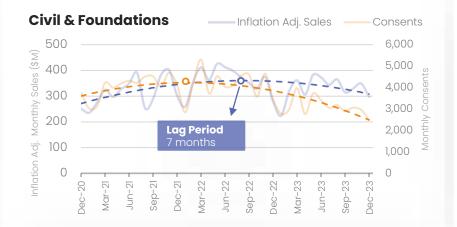
Polynomial trendlines for the last three years are used to cut through month-on-month volatility in the data (e.g., the number of working days, weather, etc.). The respective peaks of these trends show a seven-month lag between consents issued and construction sales.

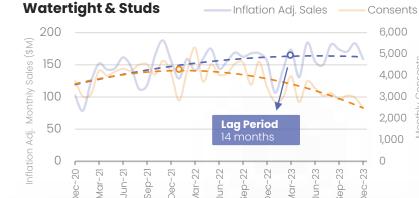
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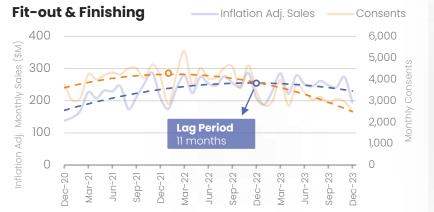


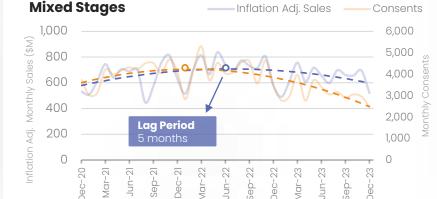
### Splitting Construction Sales into Stages Highlights Different Lag Times, and We See Small Shifts in December's Data.

(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.

This month's data sees a slight reduction in lag for Fit-out and Finishing from 13 months to 11 months, whereas Watertight & Studs increased from 12 to 14 months. It is suggested the seasonal impacts of December sales data is contributing noise to the trends in the short-term.

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.

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### Inflation Adjusted Sales vs Consents for Spotlight Vendor Industries. December's Data Sees Slight Reduction in Plumbing Lag.

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

Inflation Adj. Sales

un-23

un-23

ep-23

ep-23

ec-23

Lag Period

Consents

6,000

5,000

4,000

2,000

1,000

Consents

6,000

5,000

4,000

3,000

2,000

1,000

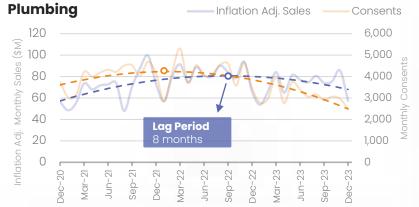
**Electrical Supply** 

200

50 Adj.

Sales (\$M)

Month





#### **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).

It is noted that the updated data for December 2023 has seen a shift in the trendlines for Plumbing, reducing the lag time by one month.

The Concrete sales trend significantly flatter than the other sectors and it is therefore difficult to identify an inflation adjusted sales peak.

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Lag Period

ec-22

lar-23

Concrete

150

100

50

c-20 Mar-21 Jun-21 sep-21 ec-21 1ar-22 un-22 ep-22

 $(\mathbb{M})$ 

Monthly

Inflation Adj.





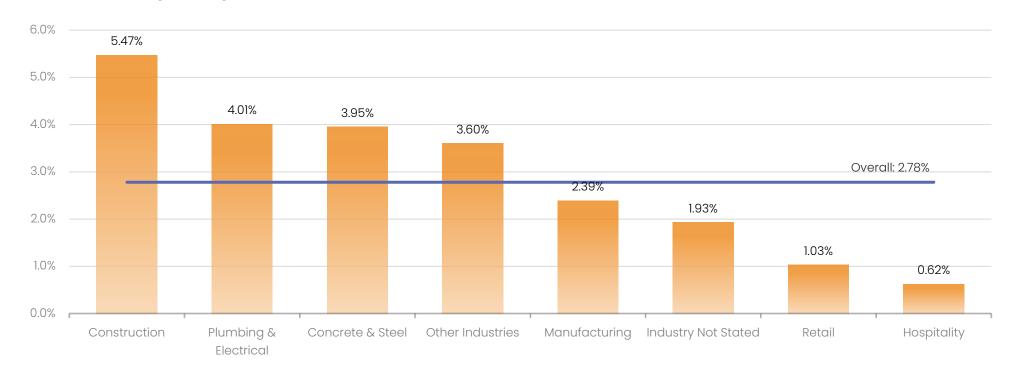


# Debtor Industry Insights.

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# Hospitality Arrears Improved, All Else Deteriorated in December (Debtor industries (ANZSIC) defined by Companies Office records)

#### 60+DPD Arrears by Industry as at December 2023

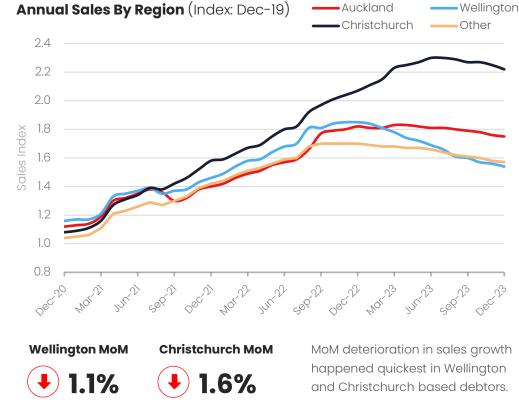




### **Construction Debtors: Sales Growth**

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







#### **Construction Debtors: Arrears**

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

percentage of debt

Arrears as a

12.0%

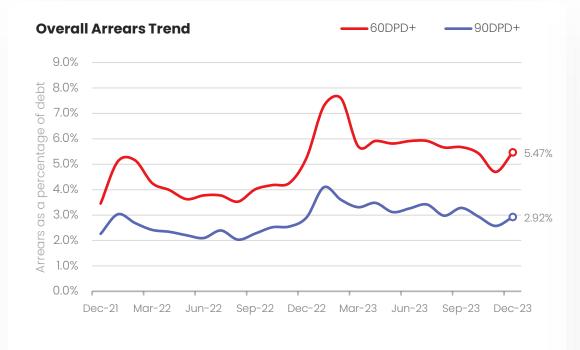
10.0%

6.0%

4.0%

2.0%

**60DPD+ Arrears By Region** 





Both 60DPD+ and 90DPD+ increased seasonally in December, the first material uplifts since March 2023.





Auckland

Christchurch

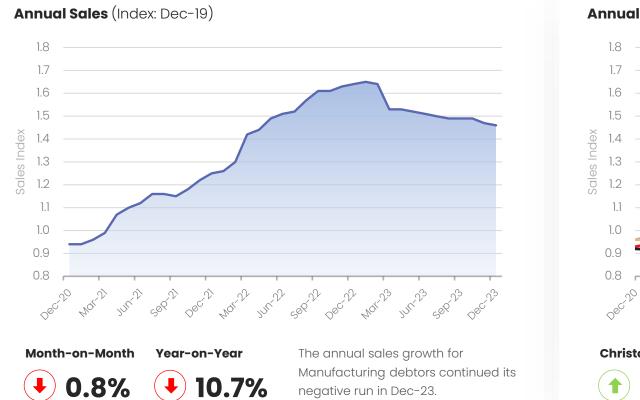


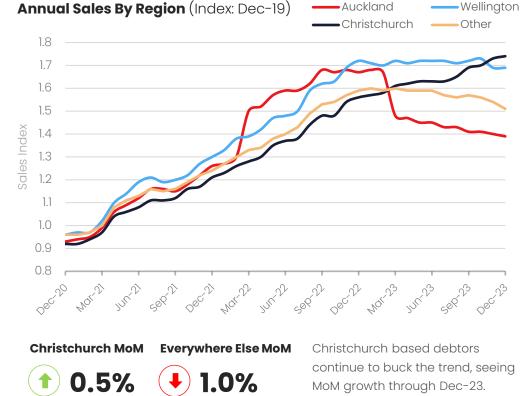
-Wellington

Other

### **Manufacturing Debtors: Sales Growth**

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

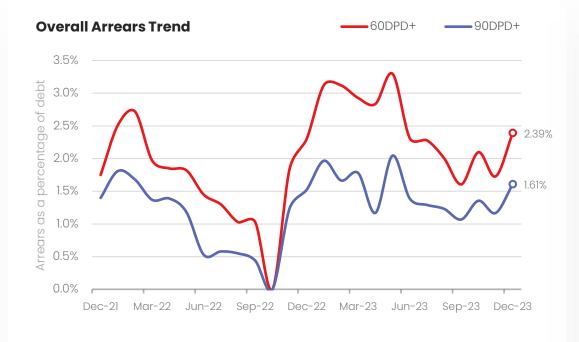




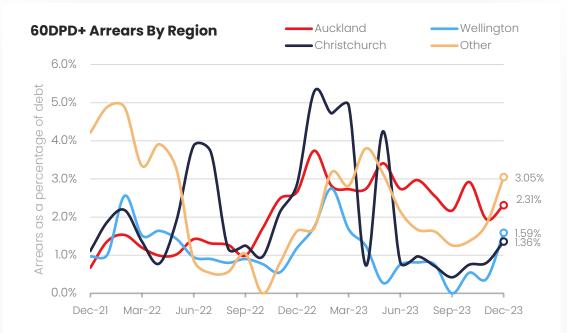


### **Manufacturing Debtors: Arrears**

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



 Both 60DPD+ and 90DPD+ arrears observed seasonal uplifts in Dec-23 and are each 9bps higher YoY.

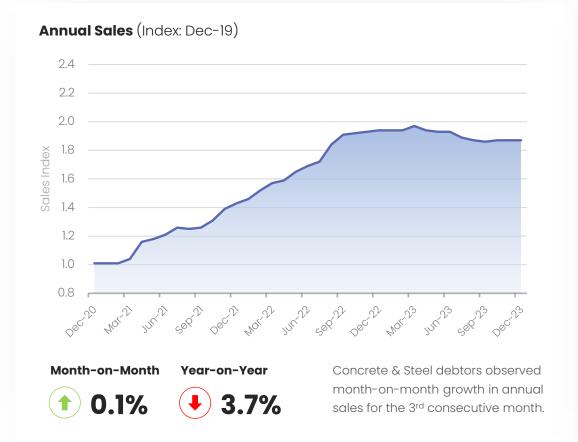


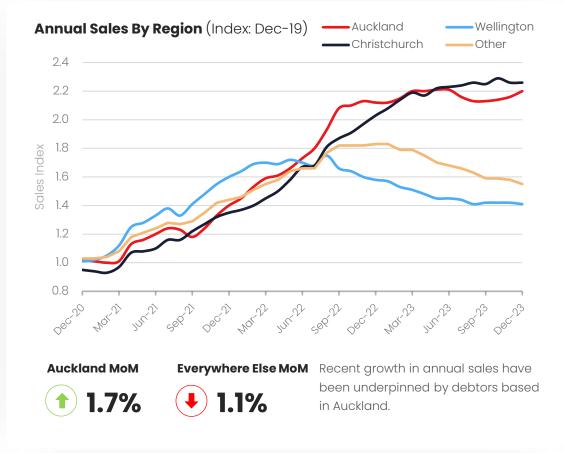
Increases in 60DPD+ arrears were observed across all regions in Dec-23, with Auckland up 36bps, Wellington up 121bps, Christchurch up 56bps, and 'Other' regions up 123bps month-on-month.



#### **Concrete & Steel Debtors: Sales Growth**

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

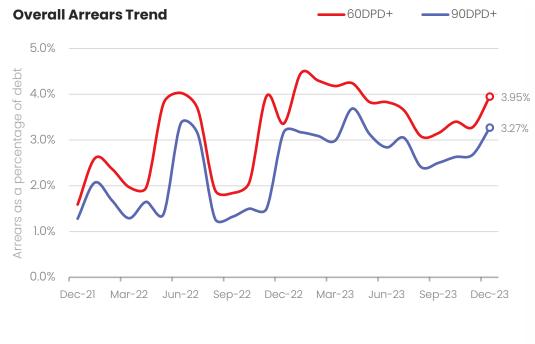






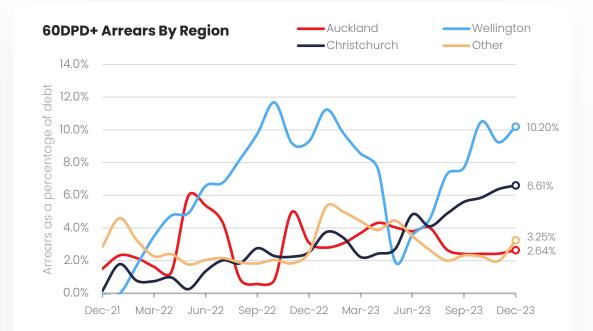
#### **Concrete & Steel Debtors: Arrears**

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





60DPD+ arrears were up 58bps yearon-year in Dec-23, whereas 90DPD+ were up 10bps



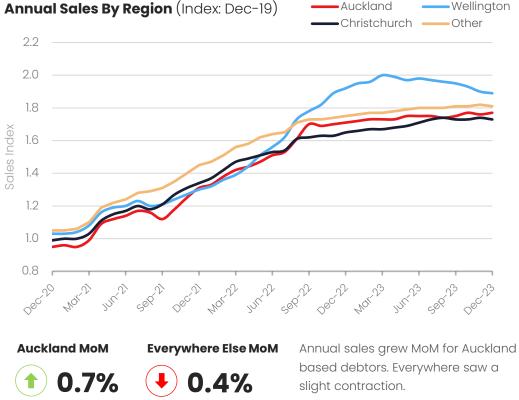
Overall exposure is correlated to Auckland and 'Other' regions, with Auckland increasing 21bps and 'Other' regions increasing 127bps through Dec-23. Wellington and Christchurch were up 96bps and 23bps, respectively. Auckland remains 46bps lower than the same time last year.



### **Plumbing & Electrical Debtors: Sales Growth**

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

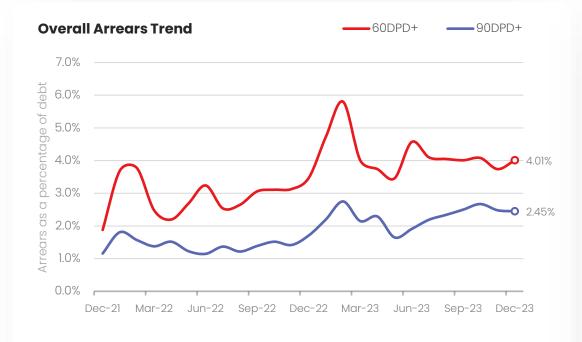




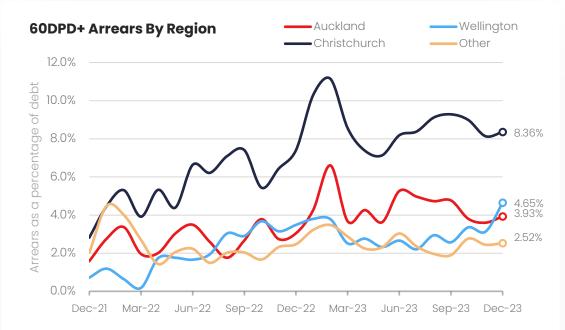


### **Plumbing & Electrical Debtors: Arrears**

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



 60DPD+ have increased back to the c.4% trend shown since Jul-23, after a slight improvement in Nov-23.

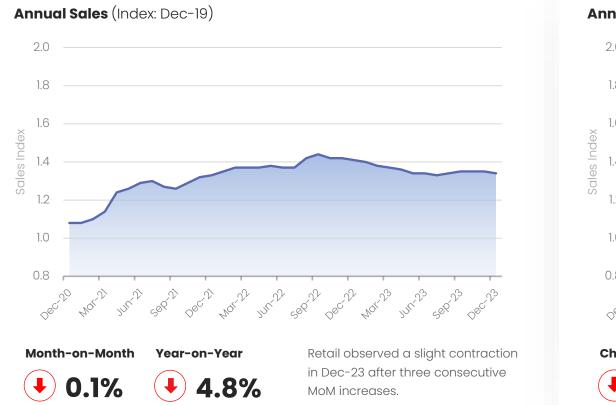


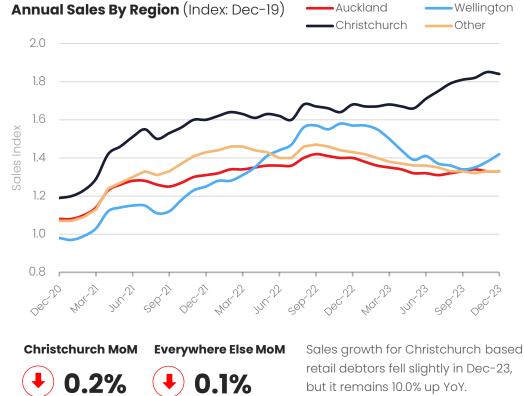
Deterioration in 60DPD+ arrears for Wellington across all the regions (+152bps), but this represents a relatively small part of overall exposure. Auckland and Christchurch based debtors also observed increases of 33bps and 22bps, respectively. 'Other' regions were effectively unchanged month-on-month.



### **Retail Debtors: Sales Growth**

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

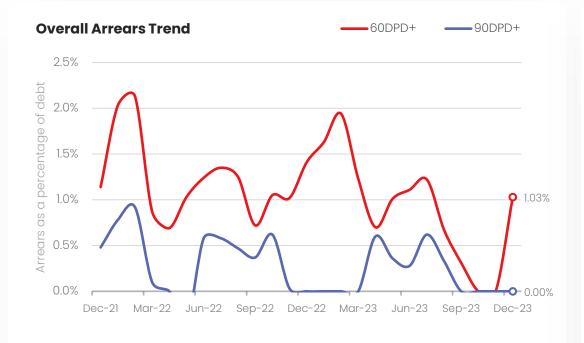






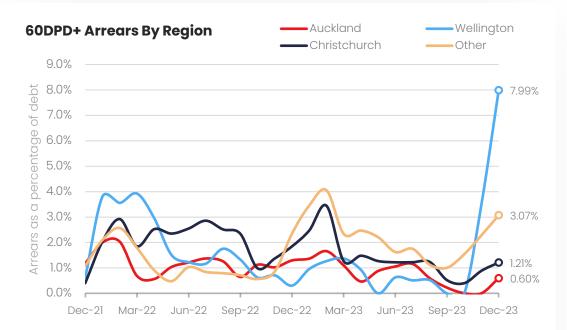
#### **Retail Debtors: Arrears**

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





Arrears for Retail based debtors continue to be low compared to other debtor industries.



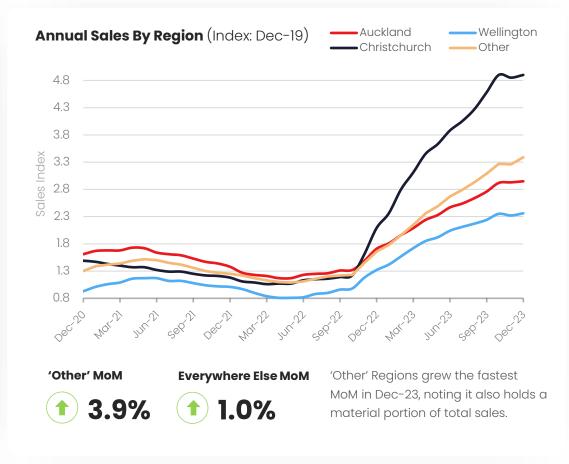
60DPD+ arrears for Wellington based debtors increased significantly in Dec-23, however this represents a nominal portion of overall exposure and will subsequently be volatile month-to-month. Auckland, which carries the lion's share, was up 60bps.



### **Hospitality Debtors: Sales Growth**

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

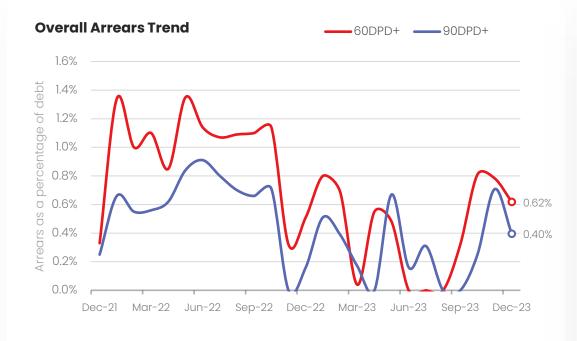






### **Hospitality Debtors: Arrears**

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

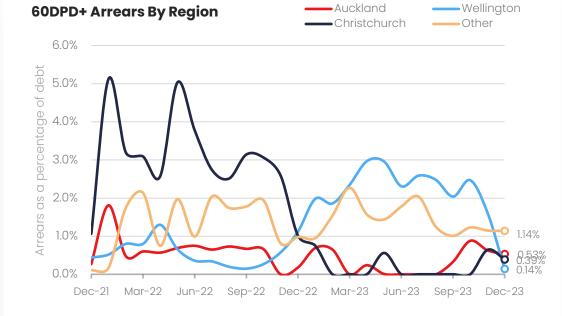


60DPD+ MoM 90DPD+ MoM ↓ 17bps ↓ 31bps Comparison against the prior year is not possible at this point given the change in the overall profile.

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









# Vendor Industry DSO Insights.

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## Days Sales Outstanding by Vendor Industry (1 of 4)

| Vendor Segment                    | DSO - Dec 23 | Month-on-Month Change (%) | Year-on-Year Change (%) | Last 12 Month Trend               |
|-----------------------------------|--------------|---------------------------|-------------------------|-----------------------------------|
| Air Conditioning / Refrigeration  | 40.8         | 16.9% 🔴                   | -7.1%                   | $\overline{\mathbf{A}}$           |
| Aluminium - Wholesale / Extrusion | 43.3         | 9.8% 🔴                    | 0.5% 🔴                  |                                   |
| Automotive Industry               | 62.0         | 34.7% 🔴                   | 19.5% 🖲                 |                                   |
| Builder - Commercial              | 30.0         | 0.0% 🔴                    | -15.9% 🔘                | $\bigwedge$                       |
| Builder - Residential             | 49.0         | 51.8% 🔴                   | -47.3%                  |                                   |
| Building Materials                | 49.9         | 6.3% 🔴                    | 2.8% 🔴                  |                                   |
| Building Sub-Trades               | 50.6         | 11.9% 🔴                   | 11.2% 🖲                 | $\bigwedge \checkmark \checkmark$ |
| Building Supply Merchants         | 44.0         | 8.0% 🔴                    | -4.8%                   | $\sim$                            |



## Days Sales Outstanding by Vendor Industry (2 of 4)

| Vendor Segment              | DSO - Dec 23 | Month-on-Month Change (%) | Year-on-Year Change (%) | Last 12 Month Trend           |
|-----------------------------|--------------|---------------------------|-------------------------|-------------------------------|
| Civil Engineering           | 41.5         | 18.7% 🔴                   | -23.0%                  |                               |
| Concrete                    | 44.3         | 1.7% 🔴                    | 2.4%                    | $\bigwedge \bigwedge$         |
| Electrical Sub-Contractors  | 41.2         | -4.8%                     | -18.4%                  | $\sim$                        |
| Electrical Supply Merchants | 52.1         | 9.4% 🔴                    | -1.4%                   | $\sim$                        |
| Energy & Fuel Resources     | 35.8         | 7.2%                      | 3.6% 🔴                  | $\sim$                        |
| Equipment Hire              | 49.0         | 6.6% 🔴                    | 6.6% 🔴                  | $\bigwedge$                   |
| Finance & Insurance         | 59.6         | -0.3%                     | 6.3% 🔴                  |                               |
| Flooring                    | 51.1         | 8.8% 🔴                    | 20.7% 🖲                 | $\frown \frown \frown \frown$ |



## Days Sales Outstanding by Vendor Industry (3 of 4)

| Vendor Segment           | DSO - Dec 23 | Month-on-Month Change (%) | Year-on-Year Change (%) | Last 12 Month Trend                |
|--------------------------|--------------|---------------------------|-------------------------|------------------------------------|
| Food & Beverage          | 35.2         | -2.5% 🔵                   | -5.5% 🔍                 | $\bigwedge$                        |
| Glass                    | 42.0         | 1.6% 🔴                    | -6.6%                   | $\bigwedge$                        |
| Labour Hire              | 40.9         | 11.8% 🔴                   | 4.1%                    | $\checkmark \checkmark \checkmark$ |
| Manufacturing            | 50.3         | 10.7% 🔴                   | 15.8% 🔴                 | $\checkmark \checkmark \checkmark$ |
| Other Building           | 61.7         | 32.8% 🔴                   | 57.5% 🛑                 |                                    |
| Plumbing                 | 40.5         | 10.5%                     | 6.4% 🔴                  | $\sim$                             |
| Pulp, Paper and Printing | 40.8         | 6.9% 🔴                    | 6.5% 🔴                  | $\sim$                             |
| Retail                   | 48.4         | 11.1% 🔴                   | 23.2% 🔴                 | $\sim\sim\sim\sim\sim$             |



## Days Sales Outstanding by Vendor Industry (4 of 4)

| Vendor Segment                  | DSO - Dec 23 | Month-on-Month Change (%) | Year-on-Year Change (%) | Last 12 Month Trend |
|---------------------------------|--------------|---------------------------|-------------------------|---------------------|
| Roofing                         | 44.8         | 8.2% 🔴                    | -0.1%                   |                     |
| Steel / Metal Products          | 34.7         | -0.1%                     | -13.9%                  | $\searrow$          |
| Technology & Service Providers  | 41.6         | -0.1%                     | -8.5%                   | $\sim$              |
| Timber                          | 46.7         | 8.2% 🔴                    | -7.6%                   |                     |
| Travel                          | 33.8         | 9.2%                      | 1.0% 🔴                  |                     |
| Window Fabricators / Installers | 46.9         | 5.3% 🔴                    | 7.3%                    | $\bigwedge$         |



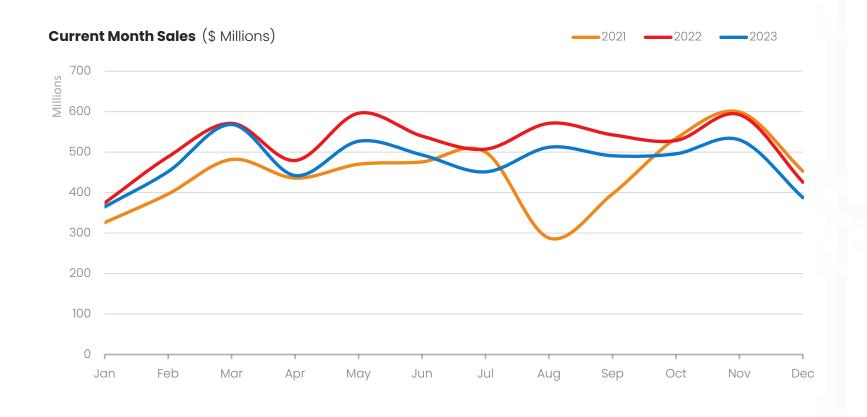




# Building Merchant Insights.

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#### **Building Merchant Current Month Sales**



Month-on-Month



Monthly sales decreased by 26.9% from November 2023 to December 2023.

Year-on-Year



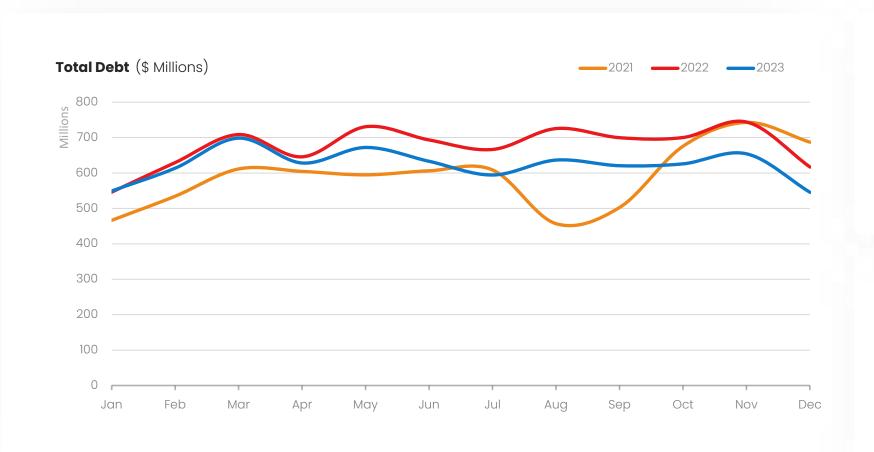
Monthly sales for December 2023 were 9.0% lower than December 2022.

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#### **Building Merchant Total Debt**



Month-on-Month



Total Debt decreased by 16.6% from November 2023 to December 2023.

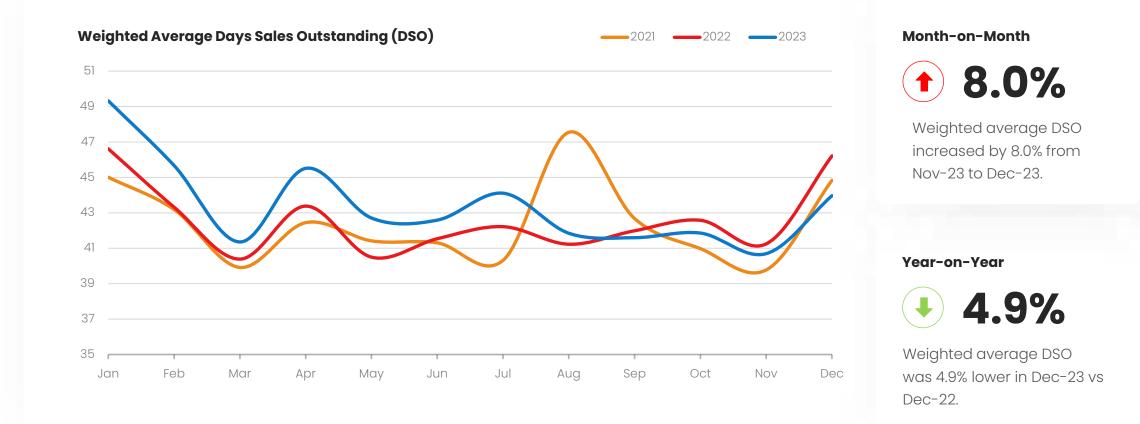
Year-on-Year

**↓** 11.6%

Total Debt was 11.6% lower in December 2023 vs. December 2022.



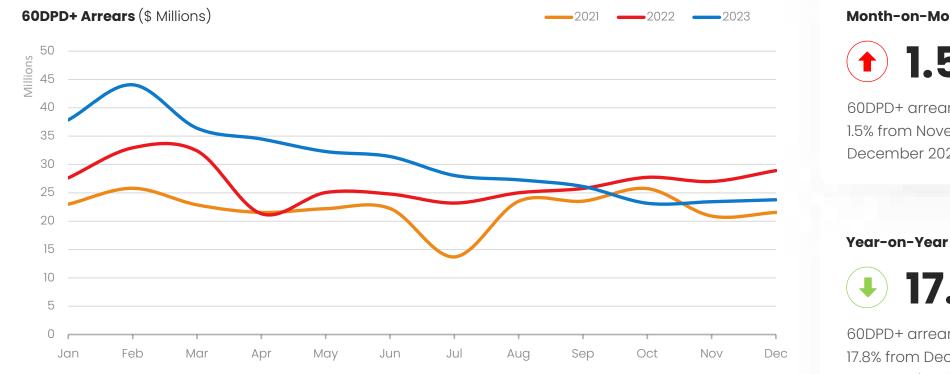
#### **Building Merchant Days Sales Outstanding**



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## Building Merchant Arrears in Dollars (60+DPD)



Month-on-Month



60DPD+ arrears were up 1.5% from November 2023 to December 2023.

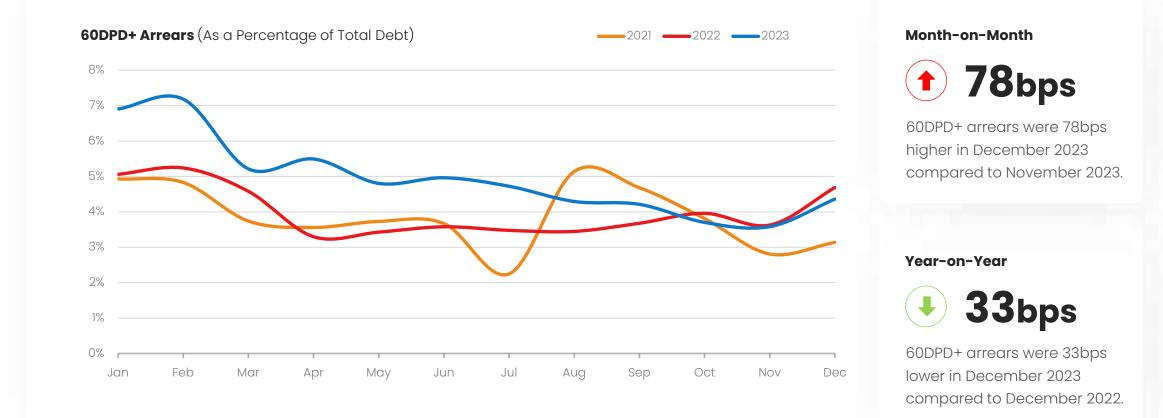


60DPD+ arrears were down 17.8% from December 2022 to December 2023.





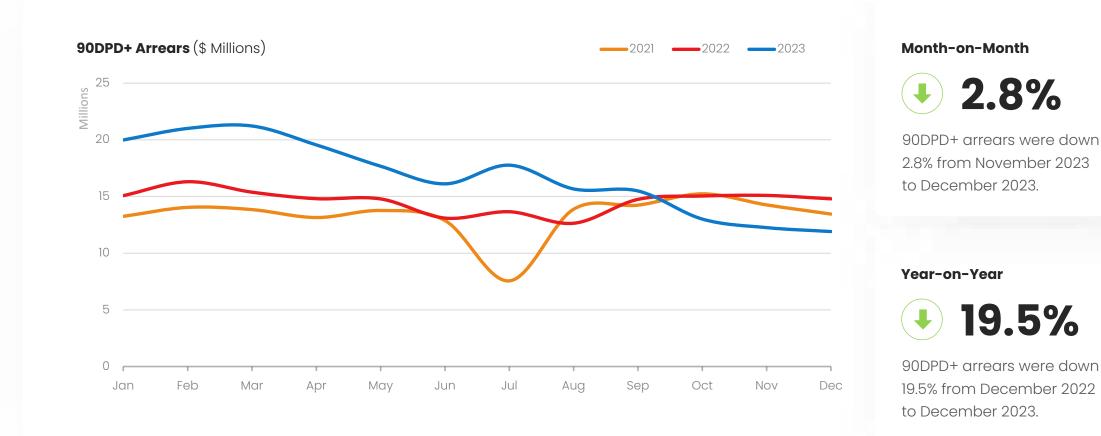
## Building Merchant Arrears in Percentages (60+DPD)



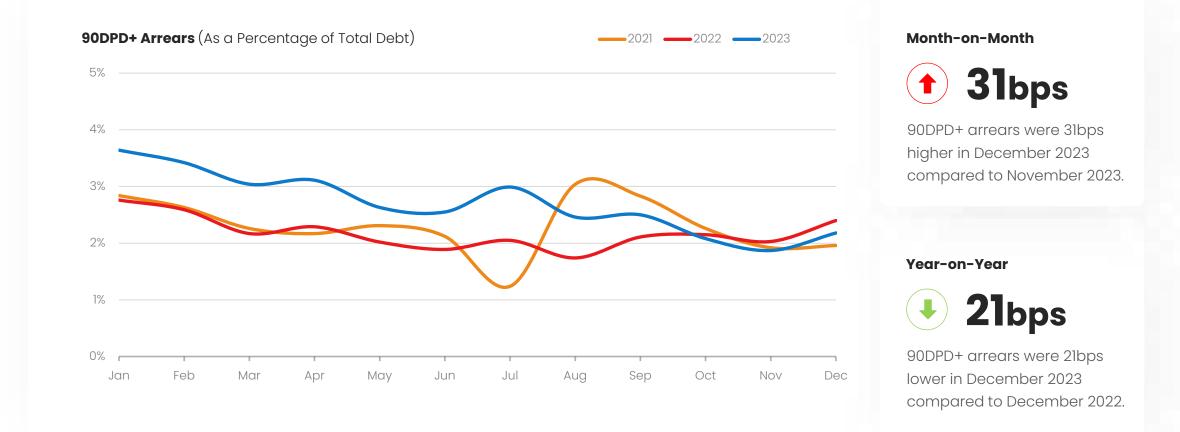




### Building Merchant Arrears in Dollars (90+DPD)



## Building Merchant Arrears in Percentages (90+DPD)

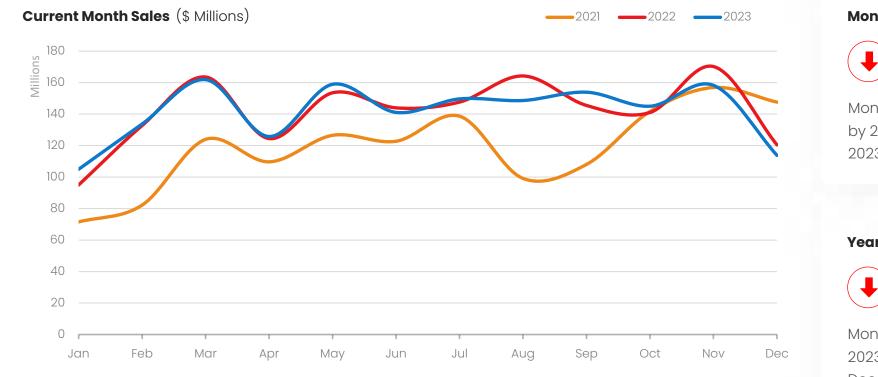






# Electrical Merchant Insights.

#### **Electrical Merchant Current Month Sales**



Month-on-Month



Monthly sales decreased by 28.1% from November 2023 to December 2023.

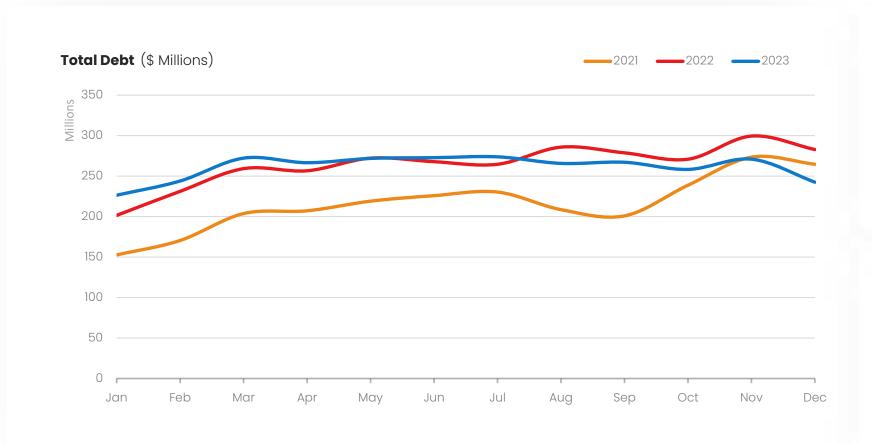
#### Year-on-Year



Monthly sales for December 2023 were 5.5% lower than December 2022.



#### **Electrical Merchant Total Debt**



Month-on-Month



Total Debt decreased by 10.5% from November 2023 to December 2023.

#### Year-on-Year

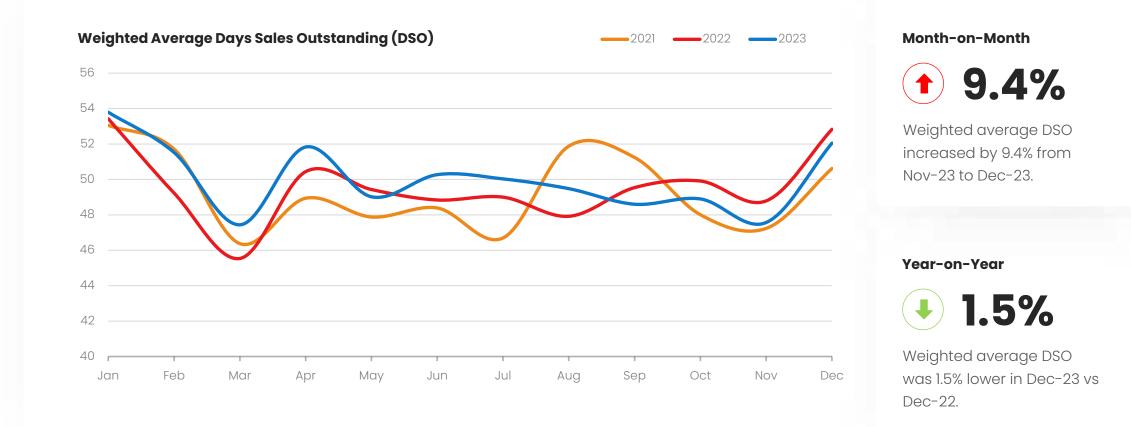


Total Debt was 14.2% lower in December 2023 vs. December 2022.

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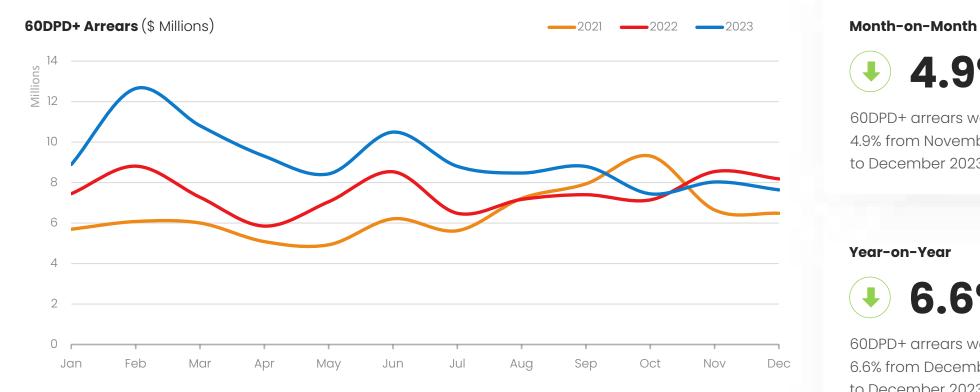


#### **Electrical Merchant Days Sales Outstanding**





#### Electrical Merchant Arrears in Dollars (60+DPD)





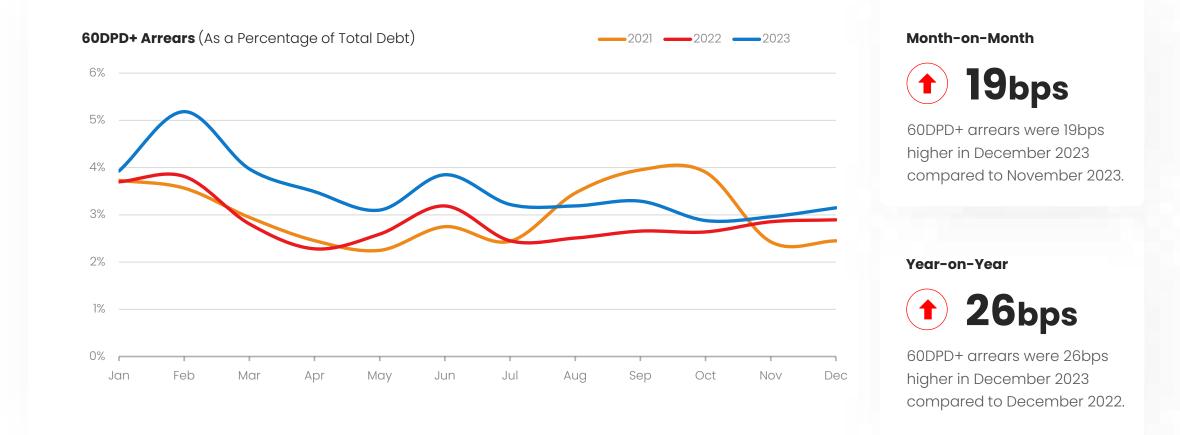
60DPD+ arrears were down 4.9% from November 2023 to December 2023.

6.6%

60DPD+ arrears were down 6.6% from December 2022 to December 2023.

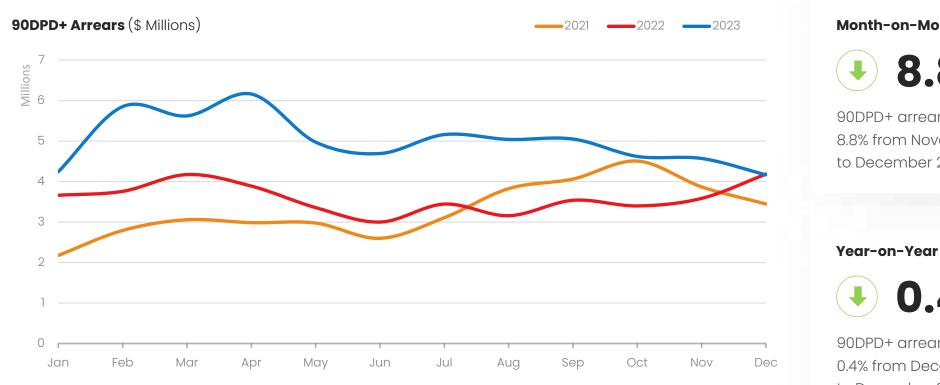


### Electrical Merchant Arrears in Percentages (60+DPD)





#### Electrical Merchant Arrears in Dollars (90+DPD)



Month-on-Month



90DPD+ arrears were down 8.8% from November 2023 to December 2023.

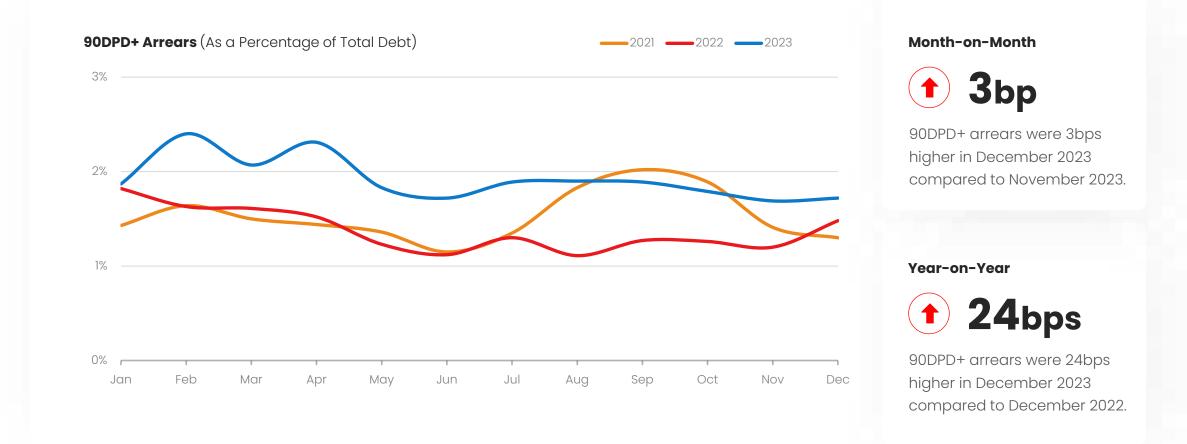
0.4%

90DPD+ arrears were down 0.4% from December 2022 to December 2023.

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## Electrical Merchant Arrears in Percentages (90+DPD)



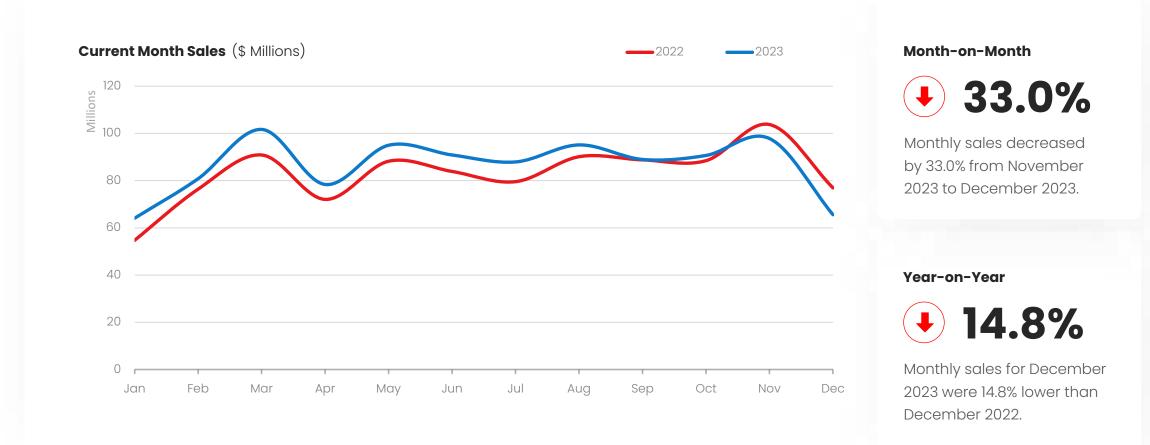






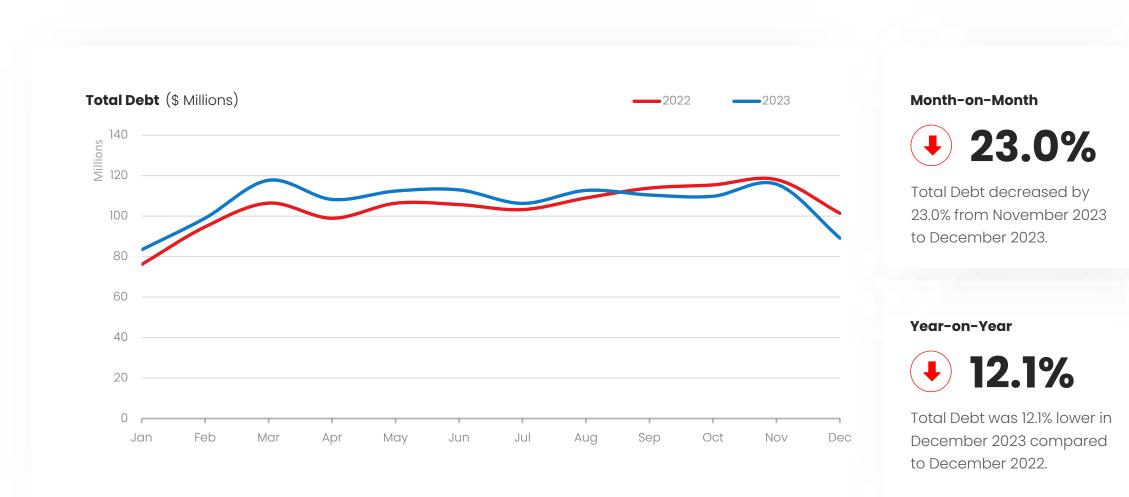
# Plumbing Merchant Insights.

#### **Plumbing Merchant Current Month Sales**

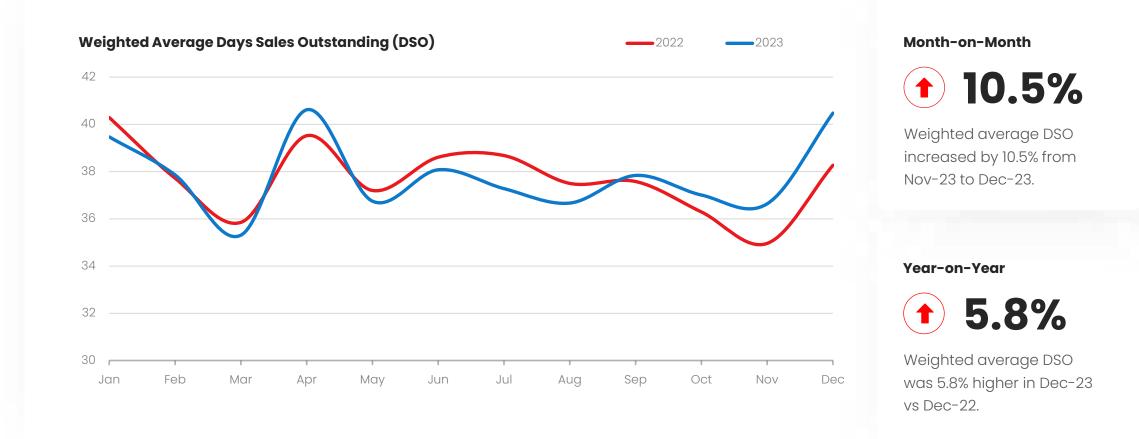




#### **Plumbing Merchant Total Debt**

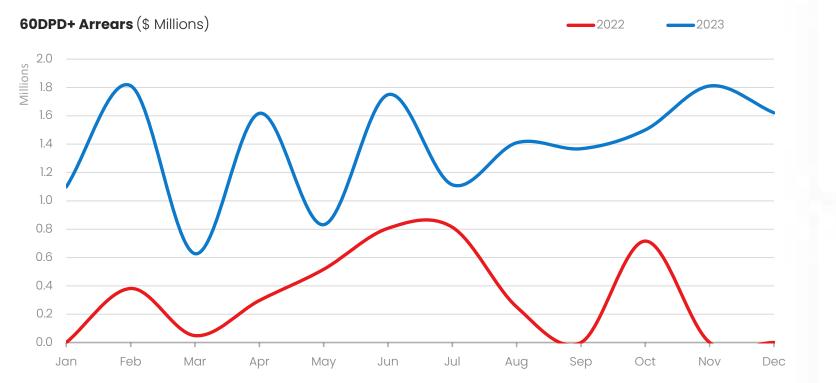


#### **Plumbing Merchant Days Sales Outstanding**





#### Plumbing Merchant Arrears in Dollars (60+DPD)



Month-on-Month



60DPD+ arrears were down 10.5% from November 2023 to December 2023.

#### Year-on-Year

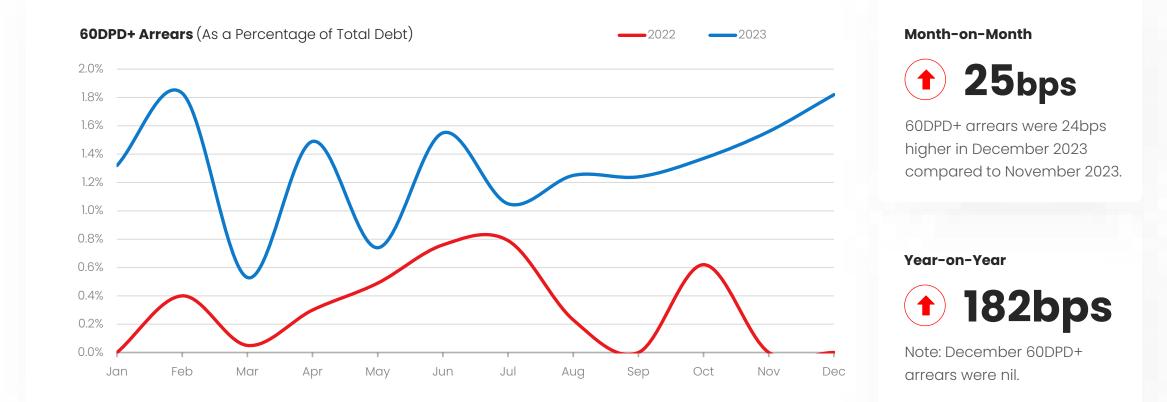


YoY comparison is not possible in percentage terms due to nil 2022 base.

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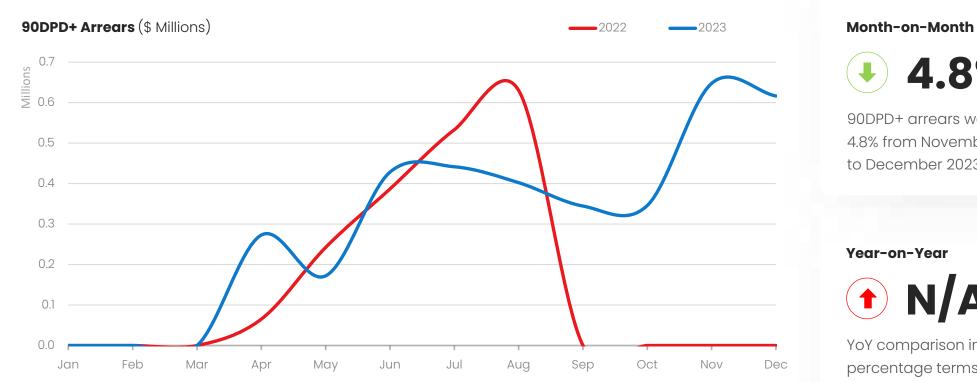


#### Plumbing Merchant Arrears in Percentages (60+DPD)





### Plumbing Merchant Arrears in Dollars (90+DPD)





90DPD+ arrears were down 4.8% from November 2023 to December 2023.

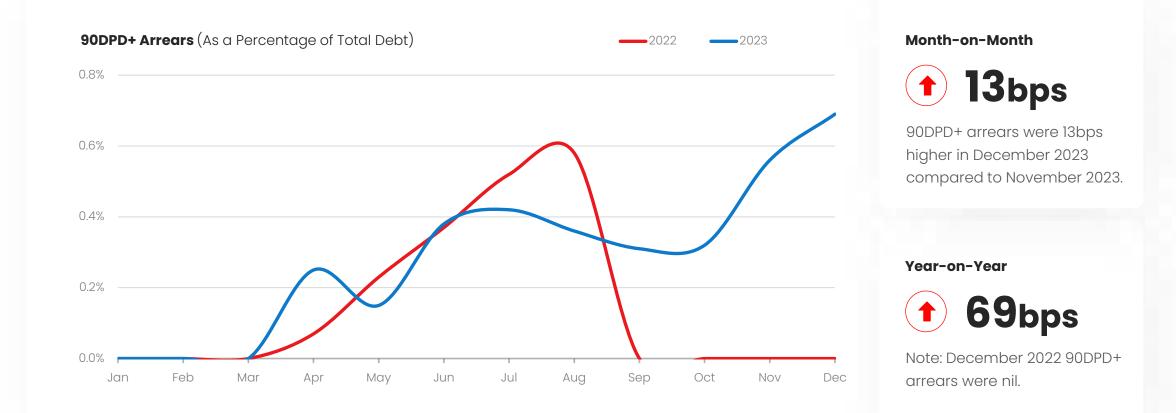


YoY comparison in percentage terms is not possible as Dec-22 was nil.





## Plumbing Merchant Arrears in Percentages (90+DPD)



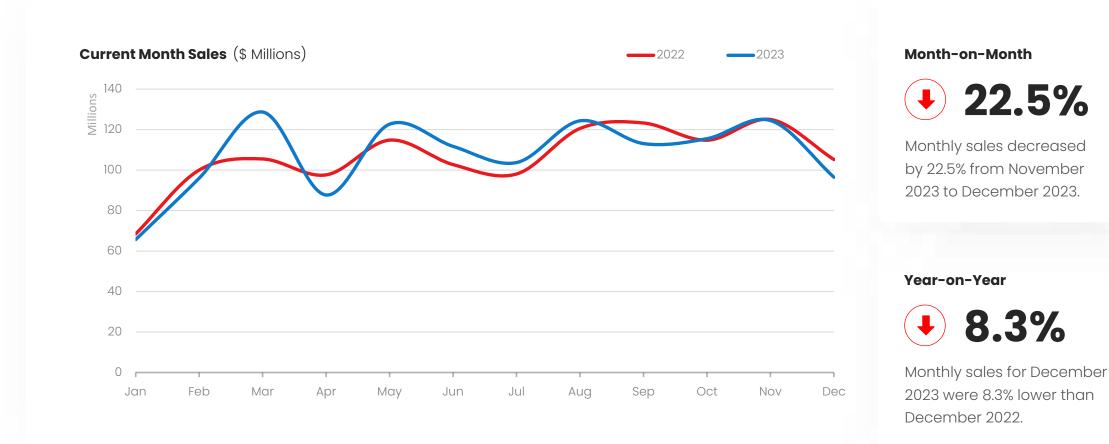




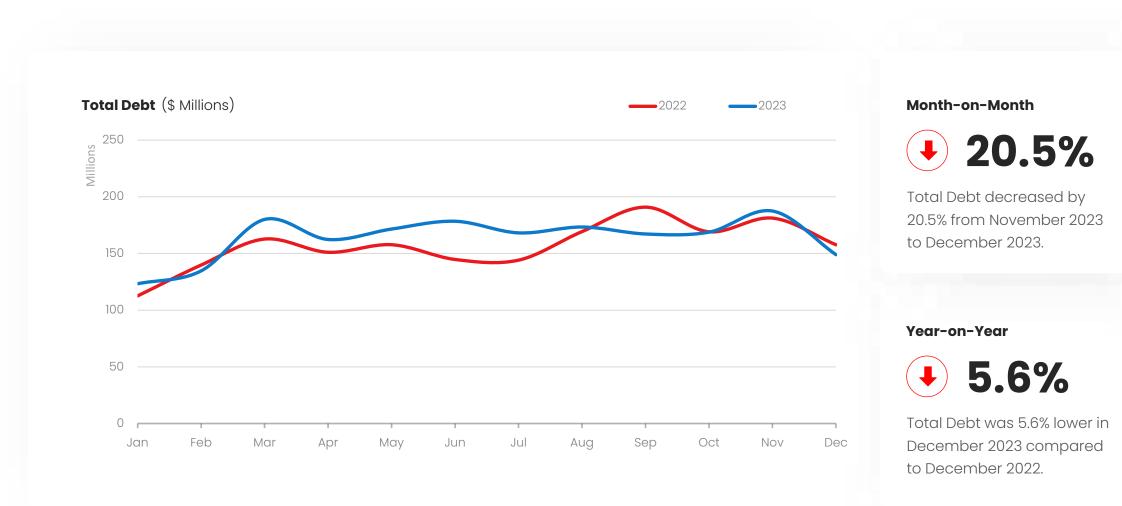


# Concrete Merchant Insights.

#### **Concrete Merchant Current Month Sales**

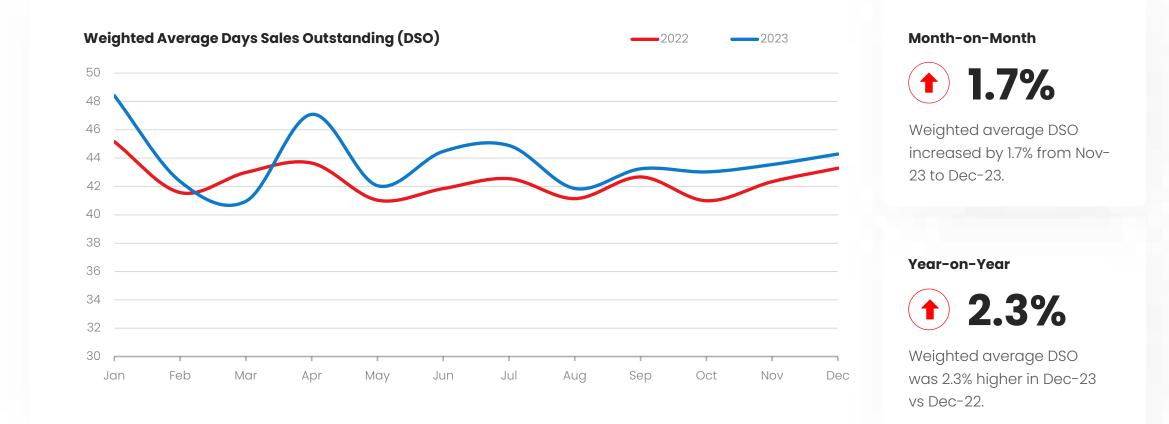


#### **Concrete Merchant Total Debt**

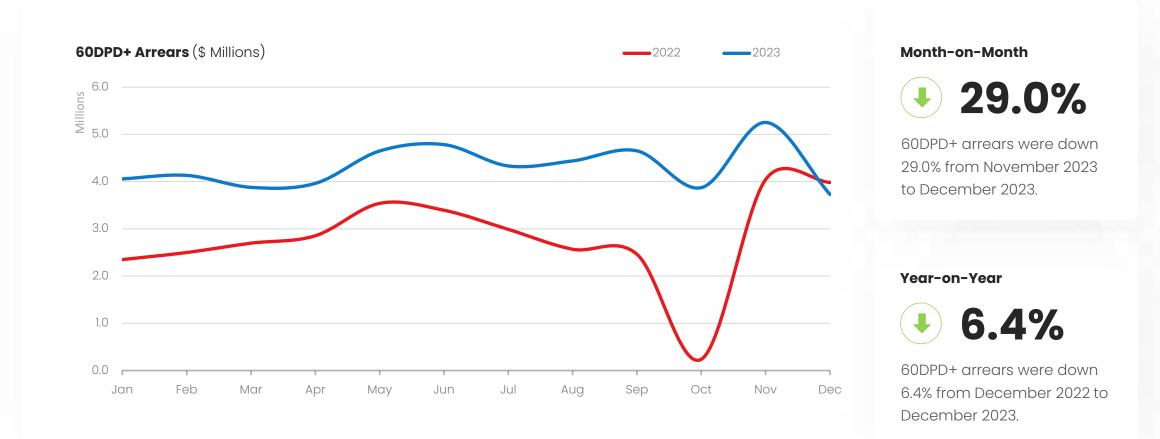




#### **Concrete Merchant Days Sales Outstanding**

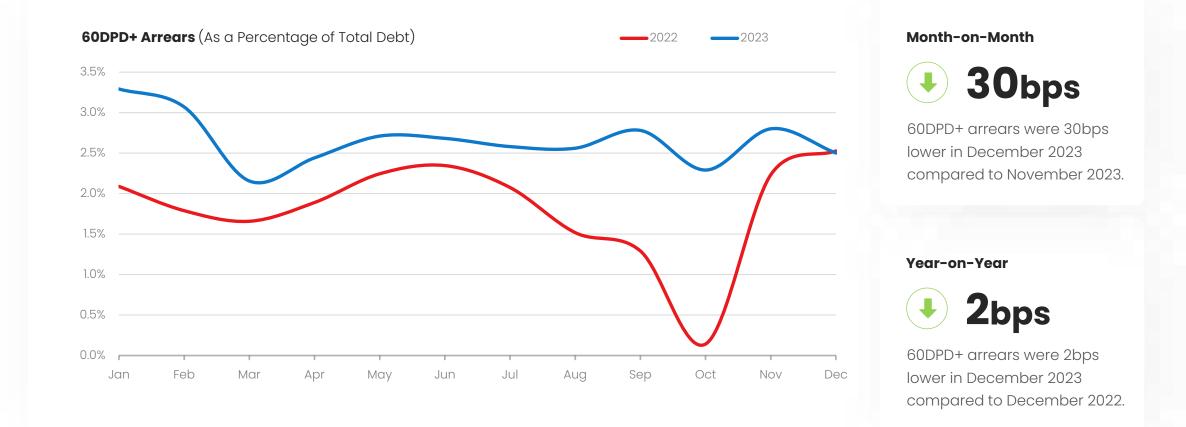


#### Concrete Merchant Arrears in Dollars (60+DPD)



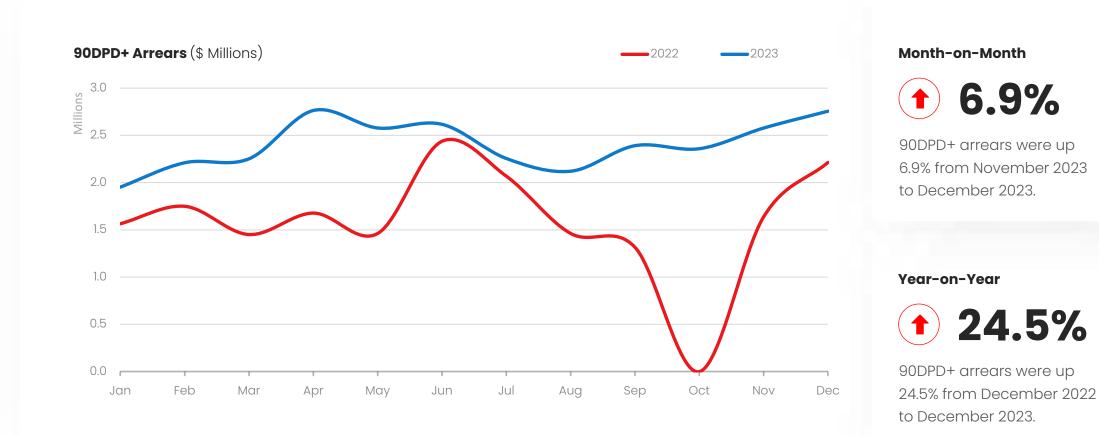


### Concrete Merchant Arrears in Percentages (60+DPD)





#### Concrete Merchant Arrears in Dollars (90+DPD)



#### Concrete Merchant Arrears in Percentages (90+DPD)

