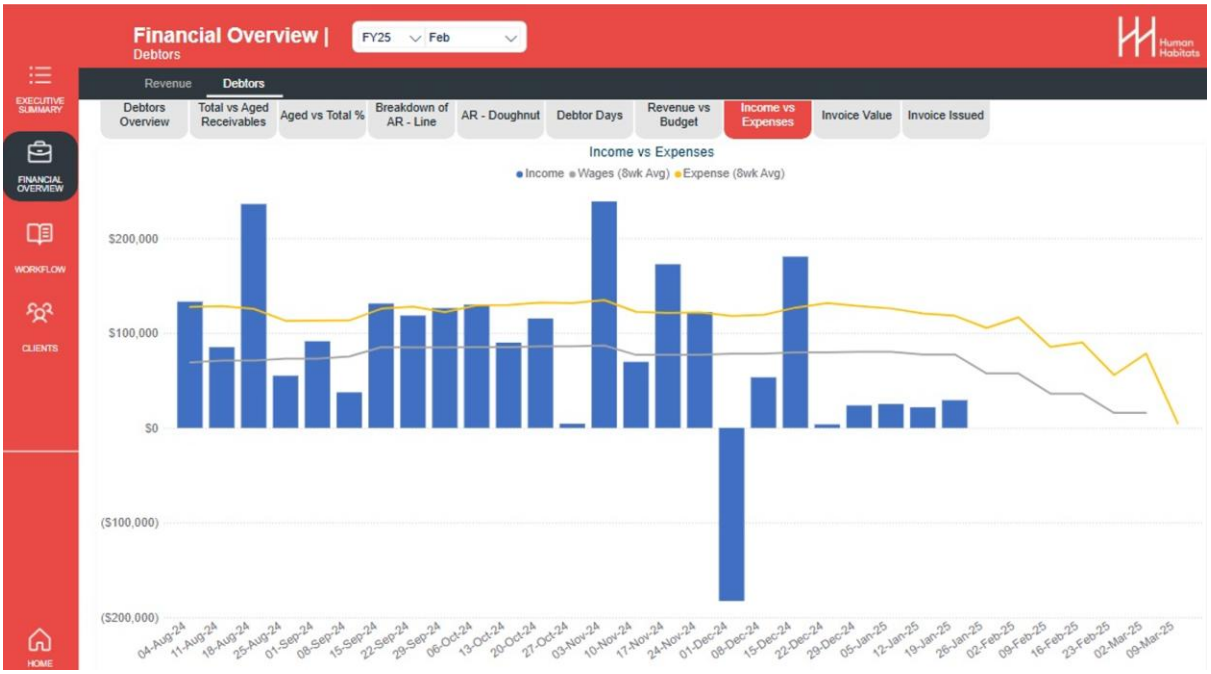
HH Dashboards

Dashboard 1 – Income Vs Expenses



Breaking down the above Dashboard into the 3 parts:

A. Income

Information for 'Income' can be found in Xero under:
Dashboards – HH Trust Regular Account
Then we use the data from the 'Received' and 'Date' columns, we would have to add up all the received values for each week using the date.
***API callout**: https://api.xero.com/api.xro/2.0/Payments*

B: Wages(8wk Avg)

Information for 'Wages' can be found in Xero under:

Accounting – Reports – Budget Variance

Then we use the data from 'Wages and Salaries' row, in the screenshots below I have modified the report to show 1 weeks' worth of wages, we would have to extract all the wages and salaries data, process by date and apply our rolling 8 week formula. Wages and salaries looks like its and account and can be extracted as an account.

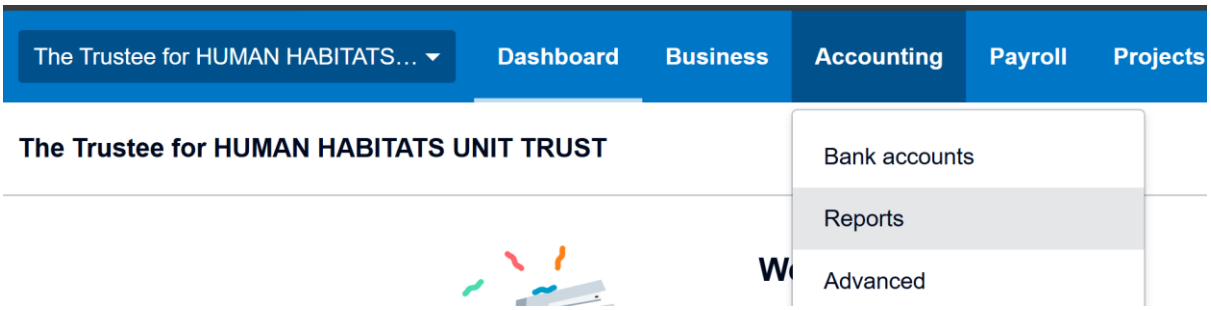
Account = 500 – Wages and Salaries

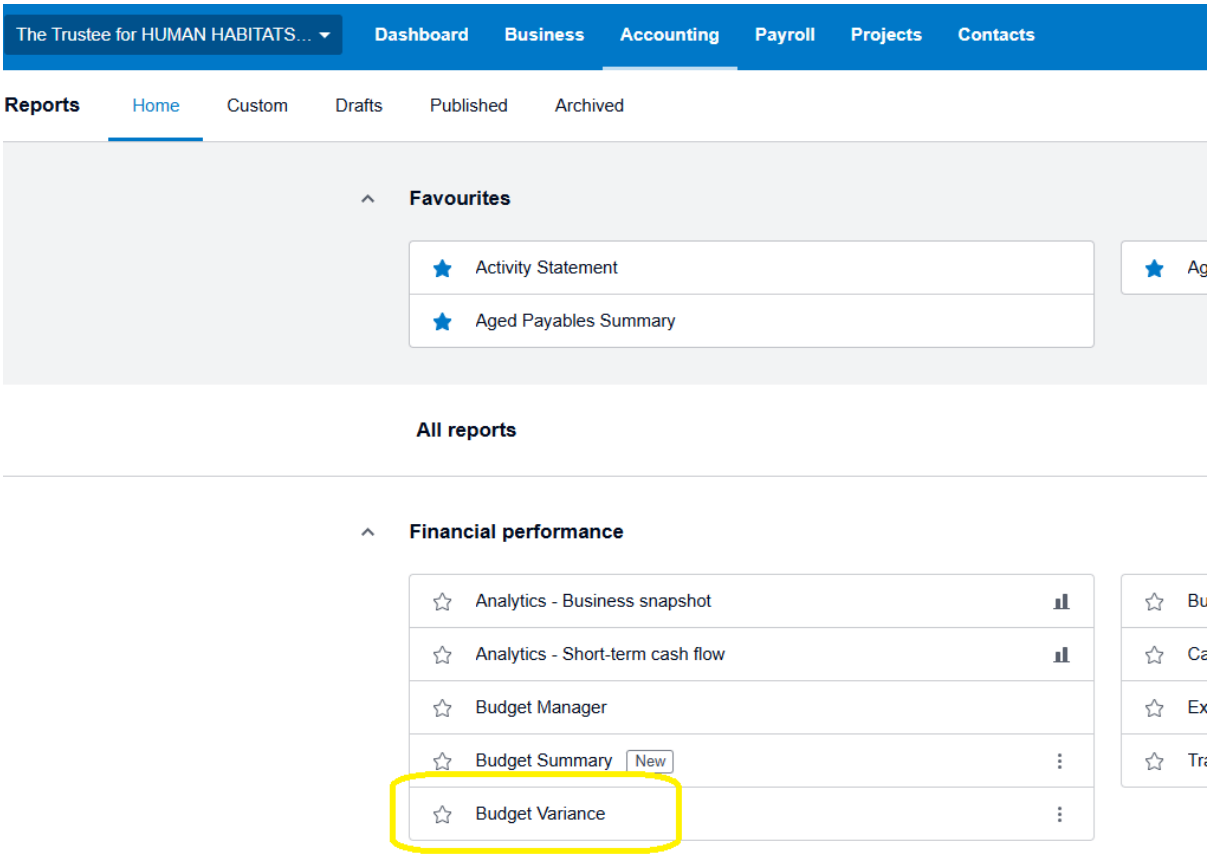
***API callout**: https://api.xero.com/api.xro/2.0/Reports/ProfitAndLoss*

1. *We then filter out by AccountName == "Wages and Salaries".*
2. *Add a new column called "52-Week Moving Avg".*
3. For each row, it finds all rows in the last **52 weeks** up to the current row's `ToDate` (strictly greater than `currentDate - 51*7 days` and ≤ `currentDate`).

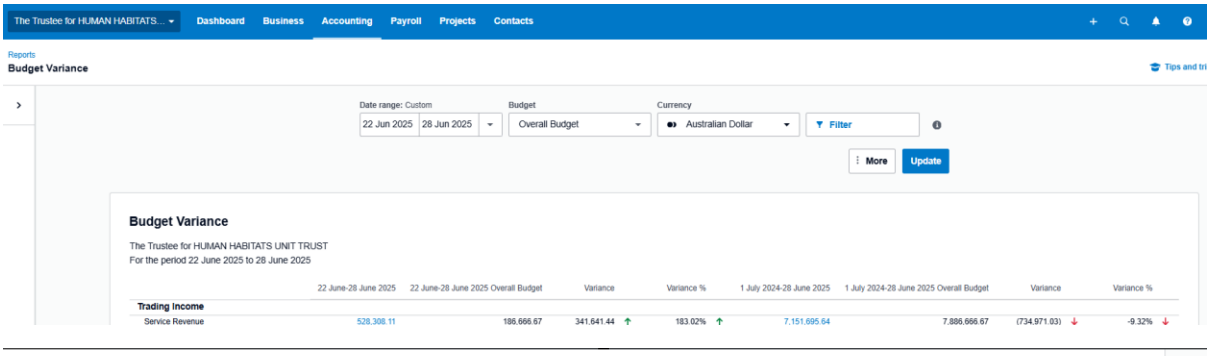
```
Custom1 =
 Table.AddColumn(
  Table.Sort(#"Grouped Rows", {{"ToDate", Order.Ascending}}),
  "52-Week Moving Avg",
  (currentRow) =>
   let
    currentDate = currentRow[ToDate],
    pastRows = Table.SelectRows(#"Grouped Rows",
          (r) => r[ToDate] <= currentDate and r[ToDate] > Date.AddDays(currentDate, -7*51)),
    avg = List.Average(pastRows[Amount])
   in avg
 )
```

4. Average their `Amount` values.





Example of week of wages filter



Budget Variance

The Trustee for HUMAN HABITATS UNIT TRUST
For the period 22 June 2025 to 28 June 2025

	22 June-28 June 2025	22 June-28 June 2025 Overall Budget	Variance	Variance %	1 July 2024-28 June 2025	1 July 2024-28 June 2025 Overall Budget	Variance	Variance %
Trading Income								
Service Revenue	528,308.11	186,666.67	341,641.44	183.02%	7,151,695.64	7,886,666.67	(734,971.03)	-9.32%
Total Trading Income	**528,308.11**	**186,666.67**	**341,641.44**	**183.02%**	**7,151,695.64**	**7,886,666.67**	**(734,971.03)**	**-9.32%**
Cost of Sales								
Business Development - HH	1,419.96	2,333.33	(913.37)	-39.14%	96,134.48	119,333.33	(23,198.85)	-19.44%
Business Development - HH - Client Entertainment	-	-	-	-	142.18	-	142.18	-
Business Meeting Expenses - HH	73.37	583.33	(509.96)	-87.42%	14,104.81	29,833.33	(15,728.52)	-52.72%
COS - Postage	-	-	-	-	472.58	-	472.58	-
COS - Advertising Fee (Council)	-	-	-	-	1,086.05	-	1,086.05	-
COS - ASIC	-	-	-	-	310.00	-	310.00	-
COS - Authority Fee	-	-	-	-	3,102.77	-	3,102.77	-
COS - Budget Manager Summary	-	4,900.00	(4,900.00)	-100.00%	-	250,600.00	(250,600.00)	-100.00%
COS - Client Travel	276.30	-	276.30	-	13,505.82	-	13,505.82	-
COS - Consultant Fees	-	-	-	-	15,420.00	-	15,420.00	-
COS - Council Administration Fee	-	-	-	-	374.73	-	374.73	-
COS - Council Fee - Other	-	-	-	-	471.69	-	471.69	-
COS - Council Permit Application Fee	3,040.86	-	3,040.86	-	176,686.37	-	176,686.37	-
COS - Fees and Charges	-	-	-	-	14.91	-	14.91	-
COS - Licences and Permits	-	-	-	-	1,216.60	-	1,216.60	-
COS - Parking	-	-	-	-	8.00	-	8.00	-
COS - SRO Application Fee	-	-	-	-	2,954.55	-	2,954.55	-
COS - Title & Plans Search Fee	324.57	-	324.57	-	14,701.96	-	14,701.96	-
COS - VCAT Fees	-	-	-	-	3,990.40	-	3,990.40	-
Employee Activities	675.24	777.70	(102.46)	-13.17%	67,536.75	39,773.80	27,762.95	69.80%
Employee Amenities	89.87	583.33	(493.46)	-84.59%	42,895.69	29,833.33	13,062.36	43.78%
Employee Training	45.45	466.67	(421.22)	-90.26%	2,854.45	23,866.67	(21,012.22)	-88.04%
Other Benefits	-	388.97	(388.97)	-100.00%	-	19,892.87	(19,892.87)	-100.00%
Parental Leave	-	680.63	(680.63)	-100.00%	-	34,809.53	(34,809.53)	-100.00%
Payroll Tax	-	3,721.67	(3,721.67)	-100.00%	190,251.04	186,586.67	3,664.37	1.96%
Profit Share	-	-	-	-	79,438.00	115,000.00	(35,562.00)	-30.92%
Superannuation	18,040.96	8,153.13	9,887.83	121.28%	450,057.41	451,916.53	(1,859.12)	-0.41%
Uniform	-	58.33	(58.33)	-100.00%	2,011.50	2,983.33	(971.83)	-32.58%
Wages and Salaries	157,487.19	76,730.73	80,756.46	105.25%	4,014,944.84	4,153,074.93	(138,130.09)	-3.33%
Workover		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Cost of Sales	**181,473.77**	**99,730.15**	**81,743.62**	**81.96%**	**5,208,700.01**	**5,475,523.65**	**(266,823.64)**	**-4.87%**
Gross Profit	**346,834.34**	**86,936.52**	**259,897.82**	**298.95%**	**1,942,995.63**	**2,411,143.02**	**(468,147.39)**	**-19.42%**

C. Expenses(8wk Avg)

Information for 'Expenses' can be found in Xero under:

Accounting – Reports – Budget Variance

Then we use the data from 'Total Cost of Sales' row + 'Total Operating Expenses' row, Like the Wages and Salaries, we would have to extract both of these rows, process by date and apply our rolling 8 week formula. Wages and salaries looks like its and account and can be extracted as an account.

***API callout**: : https://api.xero.com/api.xro/2.0/Reports/ProfitAndLoss*

1. *We then filter out by AccountName == " Total Cost of Sales" and "Total Operating Expenses".*
2. *Add a new column called "52-Week Moving Avg".*
3. For each row, it finds all rows in the last **52 weeks** up to the current row's `ToDate` (strictly greater than `currentDate - 51*7 days` and ≤ `currentDate`).

   Custom1 =

   ```
   Table.AddColumn(
     Table.Sort(#"Grouped Rows", {{"ToDate", Order.Ascending}}),
     "52-Week Moving Avg",
     (currentRow) =>
       let
         currentDate = currentRow[ToDate],
         pastRows = Table.SelectRows(#"Grouped Rows",
                 (r) => r[ToDate] <= currentDate and r[ToDate] > Date.AddDays(currentDate, -7*51)),
         avg = List.Average(pastRows[Amount])
       in avg
   )
   ```

4. Average their `Amount` values.

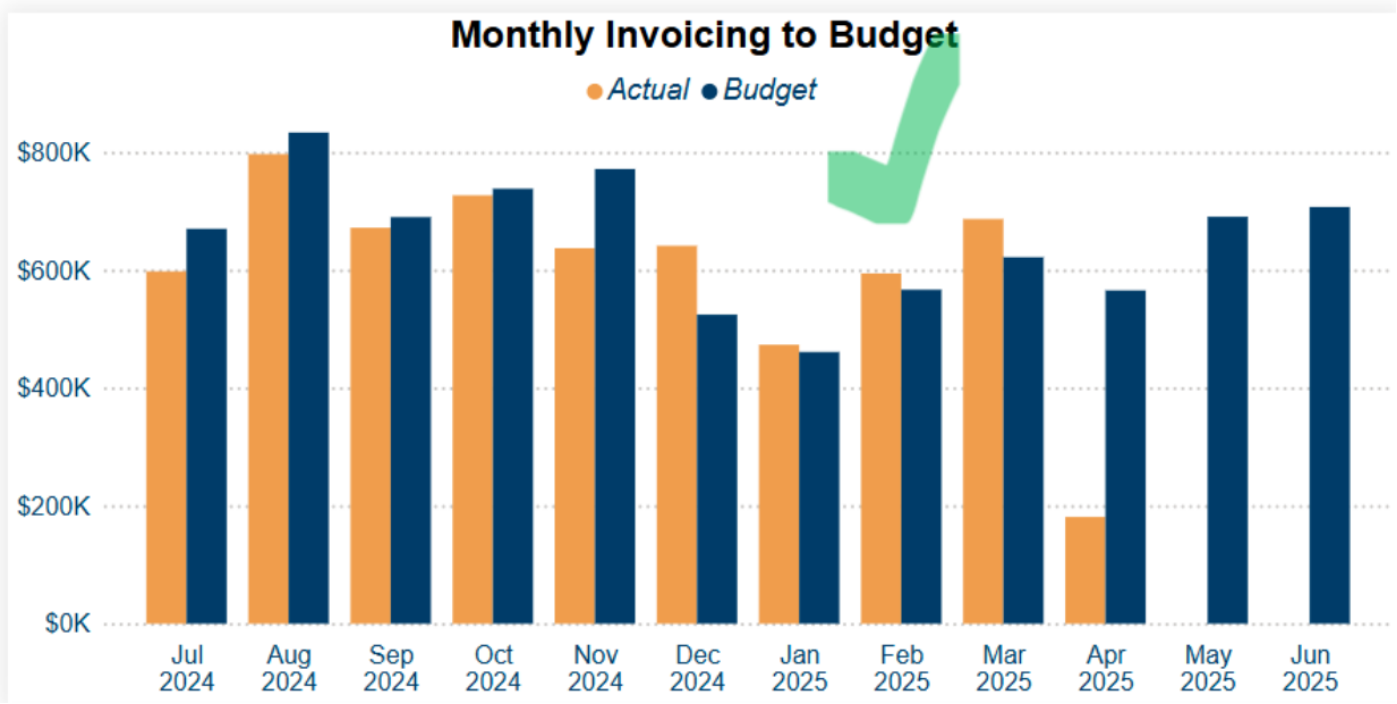
Budget Variance

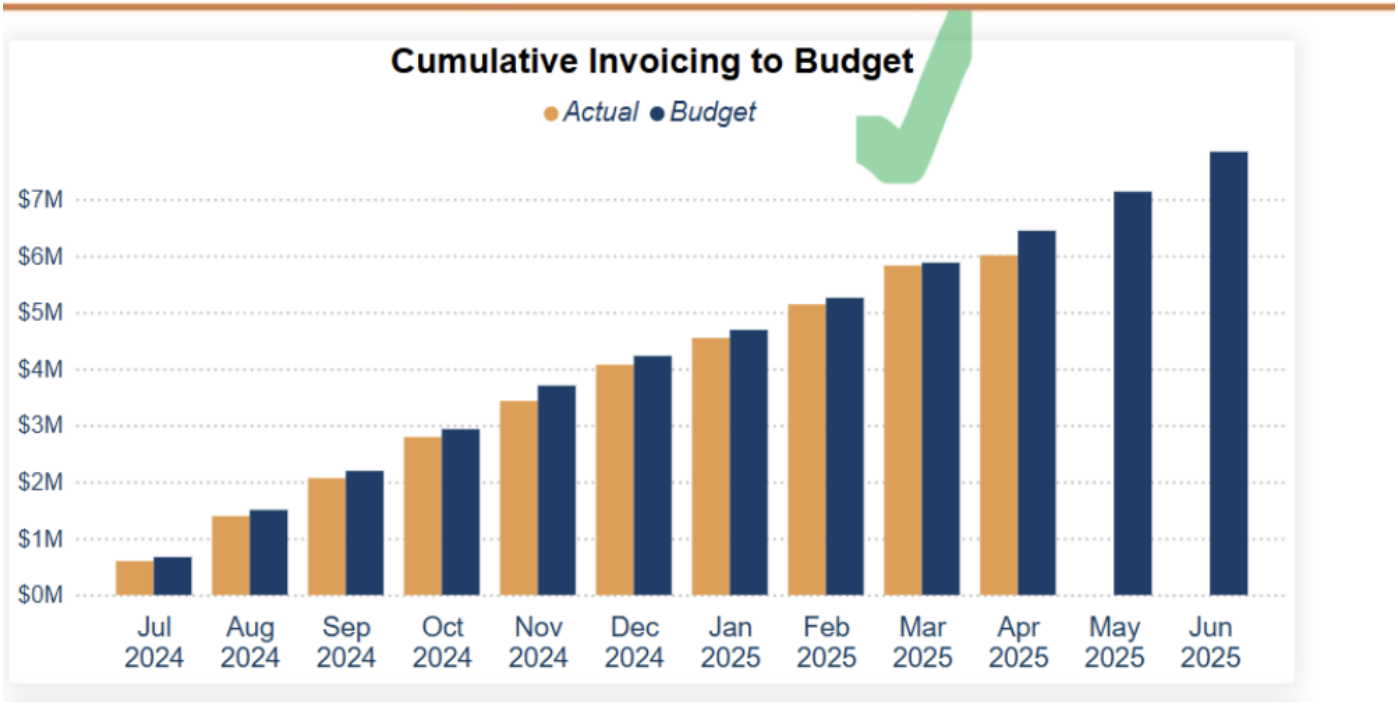
The Trustee for HUMAN HABITATS UNIT TRUST
For the year ended 30 June 2025

	2025	2025 Overall Budget	Variance	Variance %	2025	2025 Overall Budget	Variance	Variance %
Trading Income								
Service Revenue	7,169,702.31	7,940,000.00	(770,297.69) ↓	-9.70% ↓	7,169,702.31	7,940,000.00	(770,297.69) ↓	-9.70% ↓
Total Trading Income	**7,169,702.31**	**7,940,000.00**	**(770,297.69)**	**-9.70%**	**7,169,702.31**	**7,940,000.00**	**(770,297.69)**	**-9.70%**
Cost of Sales								
Business Development - HH	96,134.48	120,000.00	(23,865.52) ↓	-19.89% ↓	96,134.48	120,000.00	(23,865.52) ↓	-19.89% ↓
Business Development - HH - Client Entertainment	142.18	-	142.18 ↑	- —	142.18	-	142.18 ↑	- —
Business Meeting Expenses - HH	14,110.90	30,000.00	(15,889.10) ↓	-52.96% ↓	14,110.90	30,000.00	(15,889.10) ↓	-52.96% ↓
COS - Postage	472.58	-	472.58 ↑	- —	472.58	-	472.58 ↑	- —
COS - Advertising Fee (Council)	1,086.05	-	1,086.05 ↑	- —	1,086.05	-	1,086.05 ↑	- —
COS - ASIC	310.00	-	310.00 ↑	- —	310.00	-	310.00 ↑	- —
COS - Authority Fee	3,102.77	-	3,102.77 ↑	- —	3,102.77	-	3,102.77 ↑	- —
COS - Budget Manager Summary	-	252,000.00	(252,000.00) ↓	-100.00% ↓	-	252,000.00	(252,000.00) ↓	-100.00% ↓
COS - Client Travel	13,550.15	-	13,550.15 ↑	- —	13,550.15	-	13,550.15 ↑	- —
COS - Consultant Fees	15,420.00	-	15,420.00 ↑	- —	15,420.00	-	15,420.00 ↑	- —
COS - Council Administration Fee	374.73	-	374.73 ↑	- —	374.73	-	374.73 ↑	- —
COS - Council Fee - Other	471.69	-	471.69 ↑	- —	471.69	-	471.69 ↑	- —
COS - Council Permit Application Fee	176,686.37	-	176,686.37 ↑	- —	176,686.37	-	176,686.37 ↑	- —
COS - Fees and Charges	14.91	-	14.91 ↑	- —	14.91	-	14.91 ↑	- —
COS - Licences and Permits	1,216.60	-	1,216.60 ↑	- —	1,216.60	-	1,216.60 ↑	- —
COS - Parking	8.00	-	8.00 ↑	- —	8.00	-	8.00 ↑	- —
COS - SRO Application Fee	2,954.55	-	2,954.55 ↑	- —	2,954.55	-	2,954.55 ↑	- —
COS - Title & Plans Search Fee	14,841.54	-	14,841.54 ↑	- —	14,841.54	-	14,841.54 ↑	- —
COS - VCAT Fees	3,990.40	-	3,990.40 ↑	- —	3,990.40	-	3,990.40 ↑	- —
Employee Activities	67,524.42	39,996.00	27,528.42 ↑	68.83% ↑	67,524.42	39,996.00	27,528.42 ↑	68.83% ↑
Employee Amenities	42,895.69	30,000.00	12,895.69 ↑	42.99% ↑	42,895.69	30,000.00	12,895.69 ↑	42.99% ↑
Employee Training	2,854.45	24,000.00	(21,145.55) ↓	-88.11% ↓	2,854.45	24,000.00	(21,145.55) ↓	-88.11% ↓
Other Benefits	-	20,004.00	(20,004.00) ↓	-100.00% ↓	-	20,004.00	(20,004.00) ↓	-100.00% ↓
Parental Leave	-	35,004.00	(35,004.00) ↓	-100.00% ↓	-	35,004.00	(35,004.00) ↓	-100.00% ↓
Payroll Tax	190,251.04	187,650.00	2,601.04 ↑	1.39% ↑	190,251.04	187,650.00	2,601.04 ↑	1.39% ↑
Profit Share	79,438.00	115,000.00	(35,562.00) ↓	-30.92% ↓	79,438.00	115,000.00	(35,562.00) ↓	-30.92% ↓
Superannuation	450,057.41	454,246.00	(4,188.59) ↓	-0.92% ↓	450,057.41	454,246.00	(4,188.59) ↓	-0.92% ↓
Uniform	2,011.50	3,000.00	(988.50) ↓	-32.95% ↓	2,011.50	3,000.00	(988.50) ↓	-32.95% ↓
Wages and Salaries	4,014,944.84	4,174,998.00	(160,053.16) ↓	-3.83% ↓	4,014,944.84	4,174,998.00	(160,053.16) ↓	-3.83% ↓
Workcover	14,012.43	18,120.00	(4,107.57) ↓	-22.67% ↓	14,012.43	18,120.00	(4,107.57) ↓	-22.67% ↓
Total Cost of Sales	**5,208,877.68**	**5,504,018.00**	**(295,140.32)**	**-5.36%**	**5,208,877.68**	**5,504,018.00**	**(295,140.32)**	**-5.36%**
Gross Profit	**1,960,824.62**	**2,435,982.00**	**(475,457.37)**	**-19.54%**	**1,960,824.62**	**2,435,982.00**	**(475,457.37)**	**-19.54%**

Bad Debts	1,408.75	-	1,408.75 ↑	- —	1,408.75	-	1,408.75 ↑	- —
Bank Fees	1,599.31	1,200.00	399.31 ↑	33.28% ↑	1,599.31	1,200.00	399.31 ↑	33.28% ↑
Bank Fees - Merchant Fees	28.39	-	28.39 ↑	- —	28.39	-	28.39 ↑	- —
Business Workshops	17,103.26	35,000.00	(17,896.74) ↓	-51.13% ↓	17,103.26	35,000.00	(17,896.74) ↓	-51.13% ↓
Depreciation	71,047.64	50,004.00	21,043.64 ↑	42.08% ↑	71,047.64	50,004.00	21,043.64 ↑	42.08% ↑
Distribution of Profit - Human Habitats Holdings Pty Ltd	780,000.00	-	780,000.00 ↑	- —	780,000.00	-	780,000.00 ↑	- —
Donations	720.20	6,000.00	(5,279.80) ↓	-88.00% ↓	720.20	6,000.00	(5,279.80) ↓	-88.00% ↓
Filing Fees	310.00	500.00	(190.00) ↓	-38.00% ↓	310.00	500.00	(190.00) ↓	-38.00% ↓
Freight and Cartage	659.35	-	659.35 ↑	- —	659.35	-	659.35 ↑	- —
Insurance	30,317.90	29,649.00	668.90 ↑	2.26% ↑	30,317.90	29,649.00	668.90 ↑	2.26% ↑
Interest Expense	47,350.82	36,000.00	11,350.82 ↑	31.53% ↑	47,350.82	36,000.00	11,350.82 ↑	31.53% ↑
IT Support - Hardware	10,446.16	21,126.00	(10,679.84) ↓	-50.55% ↓	10,446.16	21,126.00	(10,679.84) ↓	-50.55% ↓
IT Support - General	63,864.79	63,249.00	615.79 ↑	0.97% ↑	63,864.79	63,249.00	615.79 ↑	0.97% ↑
Legal Expenses	34,131.43	37,000.00	(2,868.57) ↓	-7.75% ↓	34,131.43	37,000.00	(2,868.57) ↓	-7.75% ↓
Marketing Expenses	27,897.75	39,549.00	(11,651.25) ↓	-29.46% ↓	27,897.75	39,549.00	(11,651.25) ↓	-29.46% ↓
Melb - Cleaning	25,757.12	-	25,757.12 ↑	- —	25,757.12	-	25,757.12 ↑	- —
Melb - Electricity	10,074.84	-	10,074.84 ↑	- —	10,074.84	-	10,074.84 ↑	- —
Melb - Office Expenses	11,830.61	39,996.00	(28,165.39) ↓	-70.42% ↓	11,830.61	39,996.00	(28,165.39) ↓	-70.42% ↓
Melb - Printer - Lease	7,666.56	-	7,666.56 ↑	- —	7,666.56	-	7,666.56 ↑	- —
Melb - Stationary	3,085.86	-	3,085.86 ↑	- —	3,085.86	-	3,085.86 ↑	- —
Melb - Telephone	2,410.50	-	2,410.50 ↑	- —	2,410.50	-	2,410.50 ↑	- —
Membership Expenses	14,445.08	6,000.00	8,445.08 ↑	140.75% ↑	14,445.08	6,000.00	8,445.08 ↑	140.75% ↑
Outgoings - Wangaratta	99.22	-	99.22 ↑	- —	99.22	-	99.22 ↑	- —
Professional Fees	36,859.40	24,000.00	12,859.40 ↑	53.58% ↑	36,859.40	24,000.00	12,859.40 ↑	53.58% ↑
Profit Share - Additional	22,504.00	-	22,504.00 ↑	- —	22,504.00	-	22,504.00 ↑	- —
Realised Currency Gains	700.44	-	700.44 ↑	- —	700.44	-	700.44 ↑	- —
Recruitment Costs	109,754.00	99,996.00	9,758.00 ↑	9.76% ↑	109,754.00	99,996.00	9,758.00 ↑	9.76% ↑
Rent - Brisbane	112,631.85	96,000.00	16,631.85 ↑	17.32% ↑	112,631.85	96,000.00	16,631.85 ↑	17.32% ↑
Rent - Melbourne	176,428.51	166,860.00	9,568.51 ↑	5.73% ↑	176,428.51	166,860.00	9,568.51 ↑	5.73% ↑
Rent - Wangaratta	33,225.38	35,004.00	(1,778.62) ↓	-5.08% ↓	33,225.38	35,004.00	(1,778.62) ↓	-5.08% ↓
Salary Sacrifice Dues	(3,234.48)	13,320.00	(16,554.48) ↓	-124.28% ↓	(3,234.48)	13,320.00	(16,554.48) ↓	-124.28% ↓
Subscriptions - Other	23,085.32	-	23,085.32 ↑	- —	23,085.32	-	23,085.32 ↑	- —
Subscriptions - Software Design	30,241.83	-	30,241.83 ↑	- —	30,241.83	-	30,241.83 ↑	- —
Subscriptions - Software General	17,722.47	72,000.00	(54,277.53) ↓	-75.39% ↓	17,722.47	72,000.00	(54,277.53) ↓	-75.39% ↓
Travel - Bris	23,031.03	-	23,031.03 ↑	- —	23,031.03	-	23,031.03 ↑	- —
Travel - Melb	37,805.84	40,529.00	(2,723.16) ↓	-6.72% ↓	37,805.84	40,529.00	(2,723.16) ↓	-6.72% ↓
Travel - Other	-	9,000.00	(9,000.00) ↓	-100.00% ↓	-	9,000.00	(9,000.00) ↓	-100.00% ↓
Travel - Wangaratta	4,390.05	-	4,390.05 ↑	- —	4,390.05	-	4,390.05 ↑	- —
Total Operating Expenses	**1,828,151.18**	**971,982.00**	**856,169.18**	**88.08%**	**1,828,151.18**	**971,982.00**	**856,169.18**	**88.08%**
Net Profit	**330,537.10**	**1,740,000.00**	**(1,409,462.90)**	**-81.00%**	**330,537.10**	**1,740,000.00**	**(1,409,462.90)**	**-81.00%**

Dashboard 2 – Monthly Invoicing to Budget





This Uses the same report as Dashboard 1 for both of the values
Accounting – Reports – Budget Variance
Then we use the data from the 'Total Trading Income' row, and the first 2 columns, Actual and Budget, to display each months values.

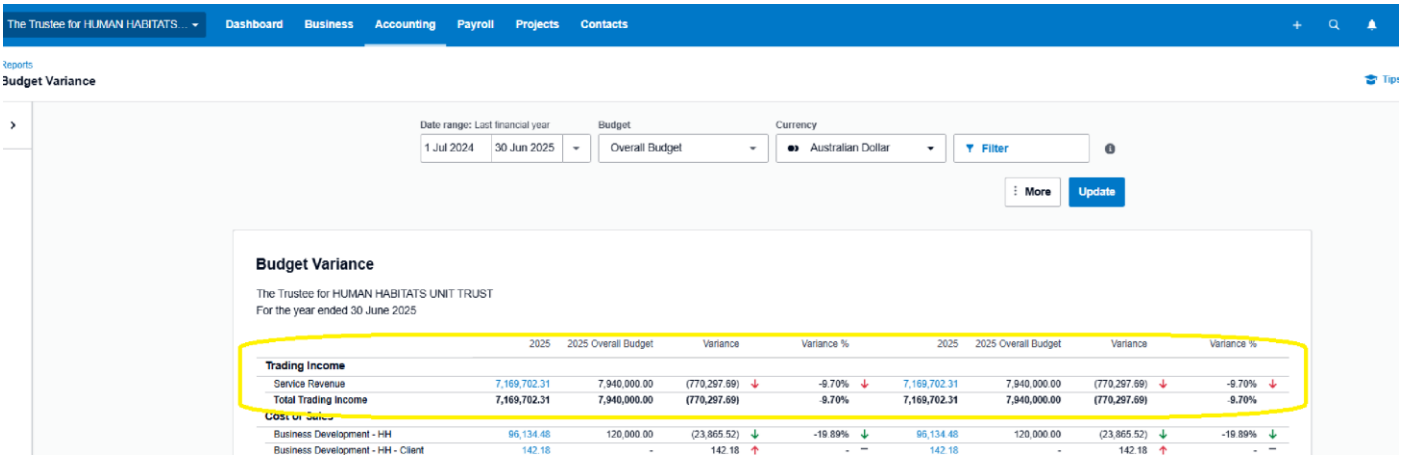
Budget API callout: *https://api.xero.com/api.xro/2.0/Reports/BudgetSummary*

1. Return 12 months of budget values for the specified financial year
2. Expand the nested **Amounts** table on each line into columns **Date** and **Amount** (one row per month).
3. Keep only the **Service Revenue** budget line.

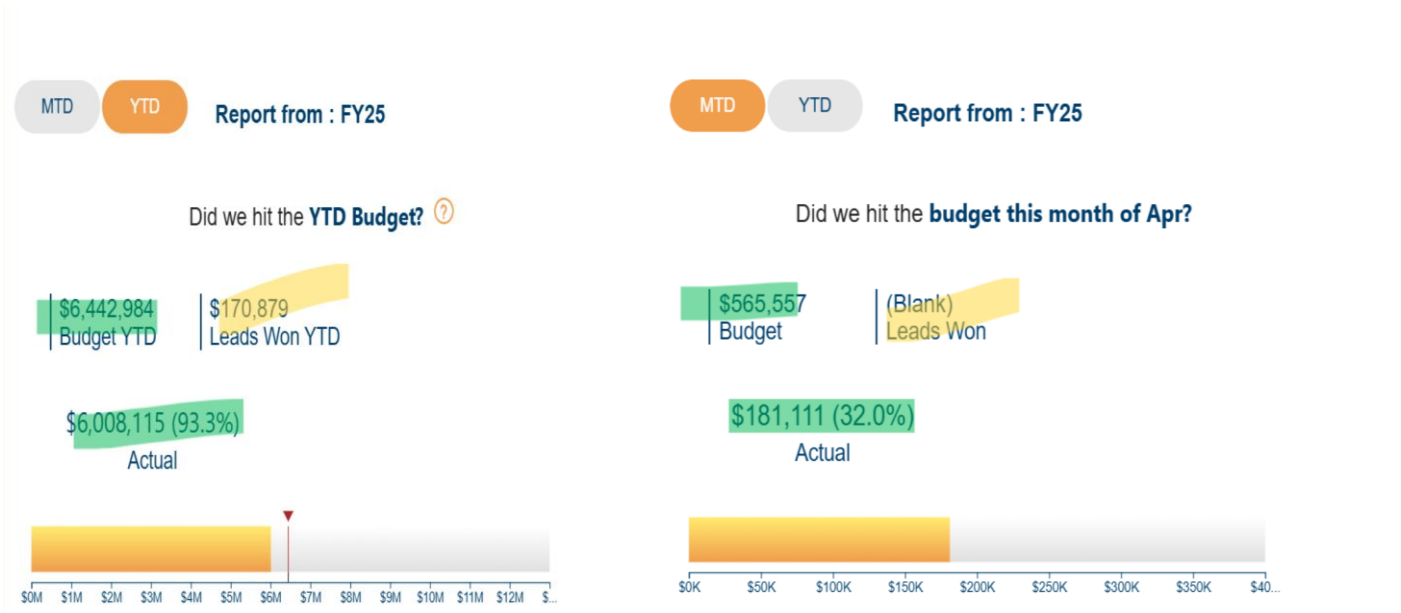
Invoicing API callout: https://api.xero.com/api.xro/2.0/Payments

1. Keep only rows where PaymentType = "ACCRECPAYMENT"

May have to do some work on how to get this data out of Xero



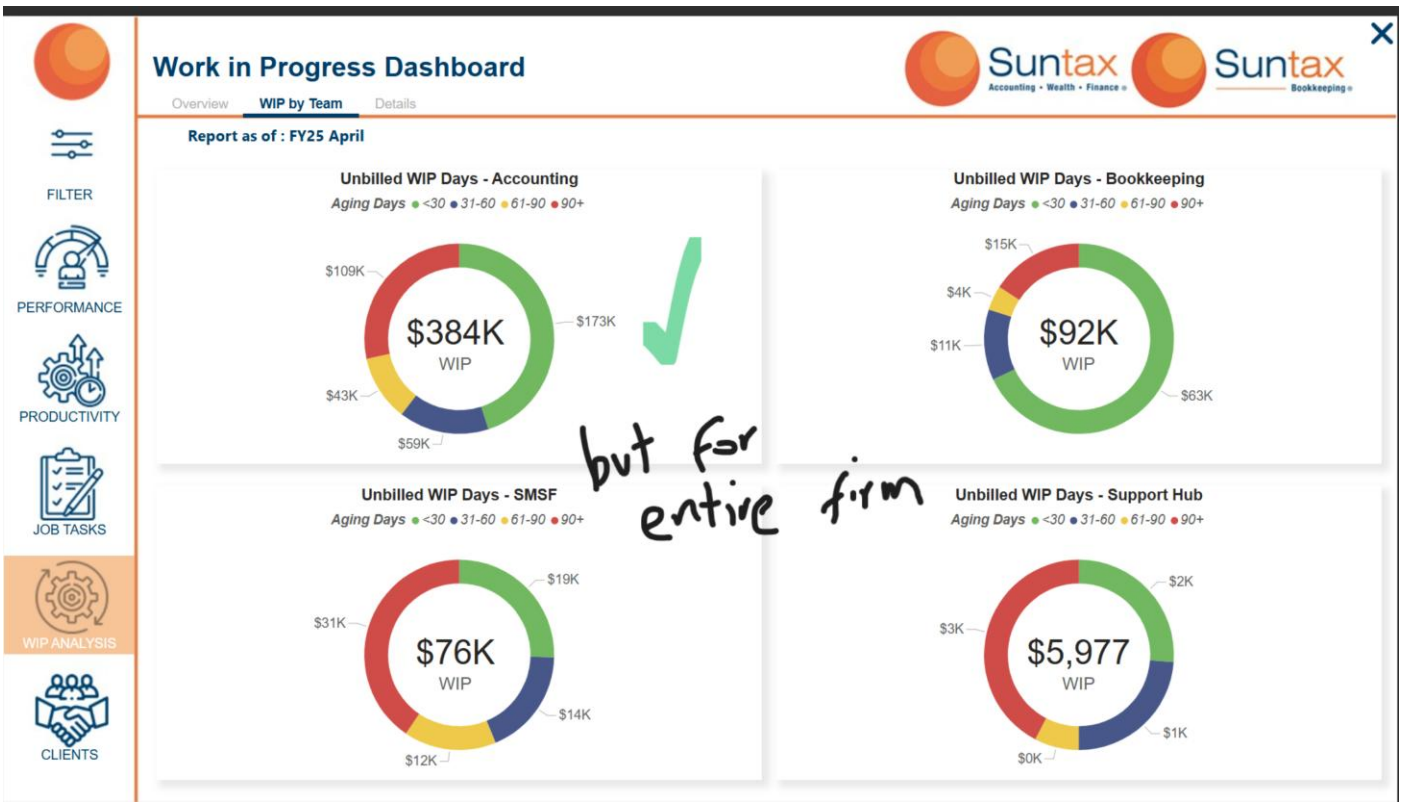
Dashboard 3 – YTD View and Monthly View

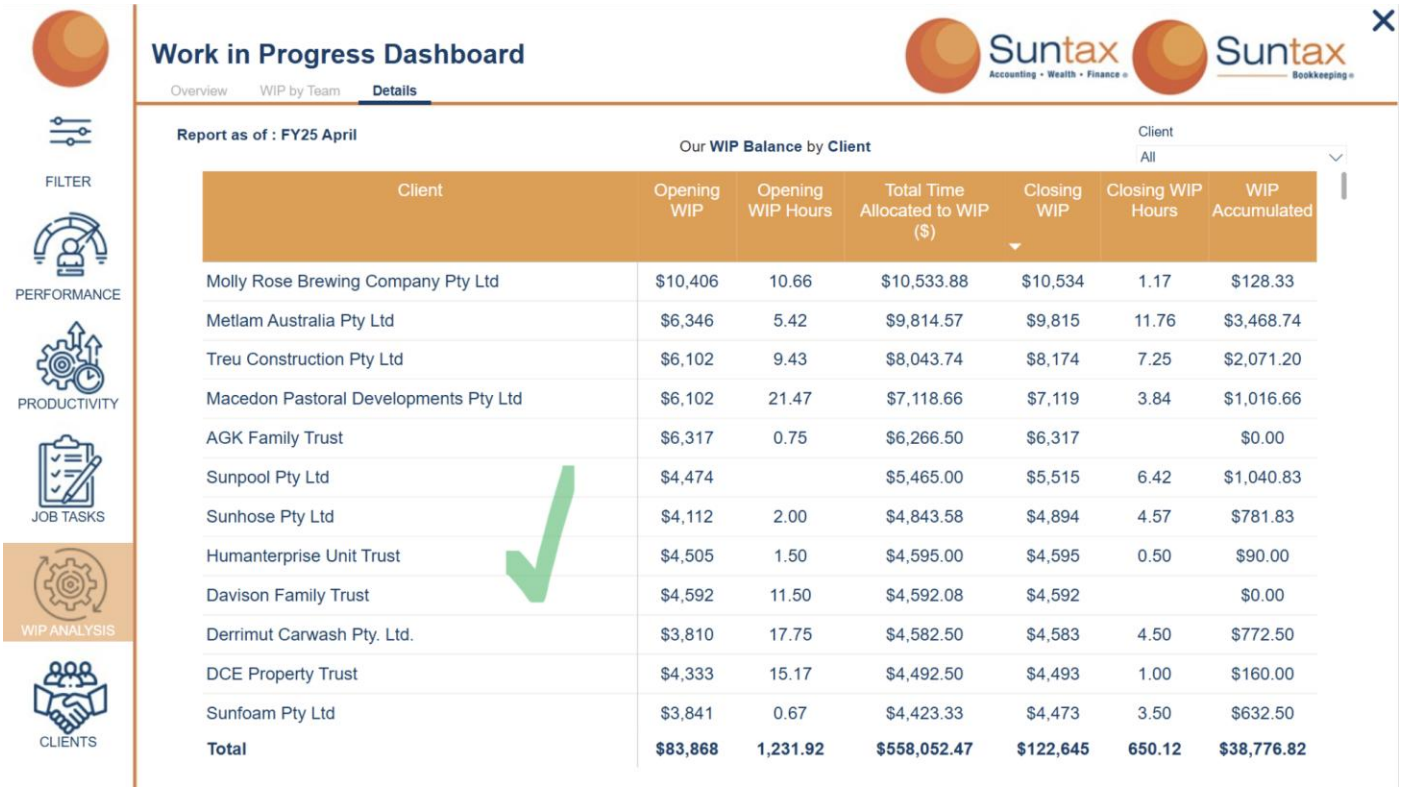


These 2 widgets have the exact same information as Dashboard 2, just displayed in a different format.

***NOTE**: this is 1 widget with 2 selectors – Monthly and Yearly view*

Dashboard 4 – Work In Progress(WIP) By Team





Report as of : FY25 April

Our **WIP Balance** by **Client**

Client: All

Client	Opening WIP	Opening WIP Hours	Total Time Allocated to WIP ($)	Closing WIP	Closing WIP Hours	WIP Accumulated
Molly Rose Brewing Company Pty Ltd	$10,406	10.66	$10,533.88	$10,534	1.17	$128.33
Metlam Australia Pty Ltd	$6,346	5.42	$9,814.57	$9,815	11.76	$3,468.74
Treu Construction Pty Ltd	$6,102	9.43	$8,043.74	$8,174	7.25	$2,071.20
Macedon Pastoral Developments Pty Ltd	$6,102	21.47	$7,118.66	$7,119	3.84	$1,016.66
AGK Family Trust	$6,317	0.75	$6,266.50	$6,317		$0.00
Sunpool Pty Ltd	$4,474		$5,465.00	$5,515	6.42	$1,040.83
Sunhose Pty Ltd	$4,112	2.00	$4,843.58	$4,894	4.57	$781.83
Humanterprise Unit Trust	$4,505	1.50	$4,595.00	$4,595	0.50	$90.00
Davison Family Trust	$4,592	11.50	$4,592.08	$4,592		$0.00
Derrimut Carwash Pty. Ltd.	$3,810	17.75	$4,582.50	$4,583	4.50	$772.50
DCE Property Trust	$4,333	15.17	$4,492.50	$4,493	1.00	$160.00
Sunfoam Pty Ltd	$3,841	0.67	$4,423.33	$4,473	3.50	$632.50
Total	**$83,868**	**1,231.92**	**$558,052.47**	**$122,645**	**650.12**	**$38,776.82**

Net WIP

Team / Staff / Job No.	Closing WIP
⊞ Accounting	$383,674
⊞ Bookkeeping	$92,293
⊞ SMSF	$75,563
⊞ Support Hub	$5,977
⊞	($430,904)
Net WIP	**$122,645**

All WIP data lives inside Workflow Max or XPM

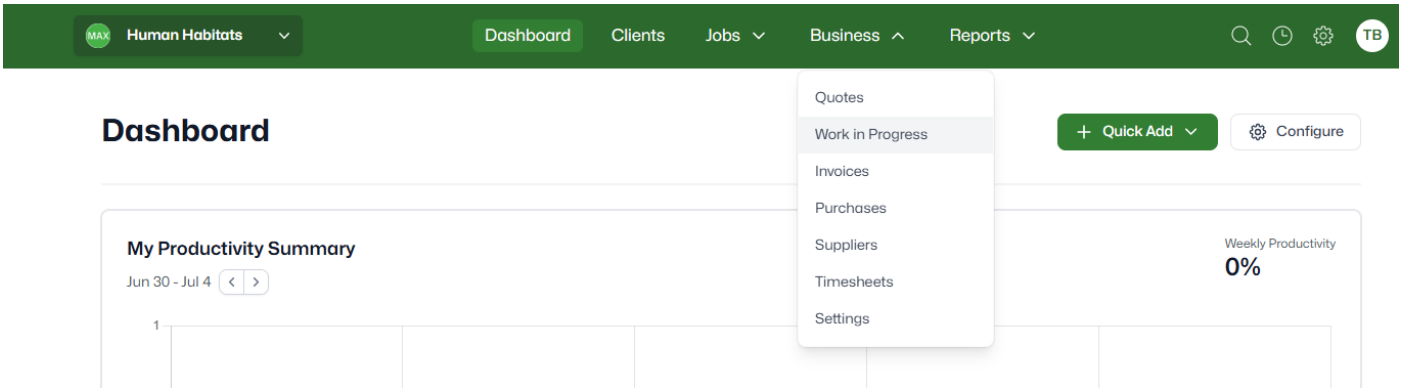
Endpoints required

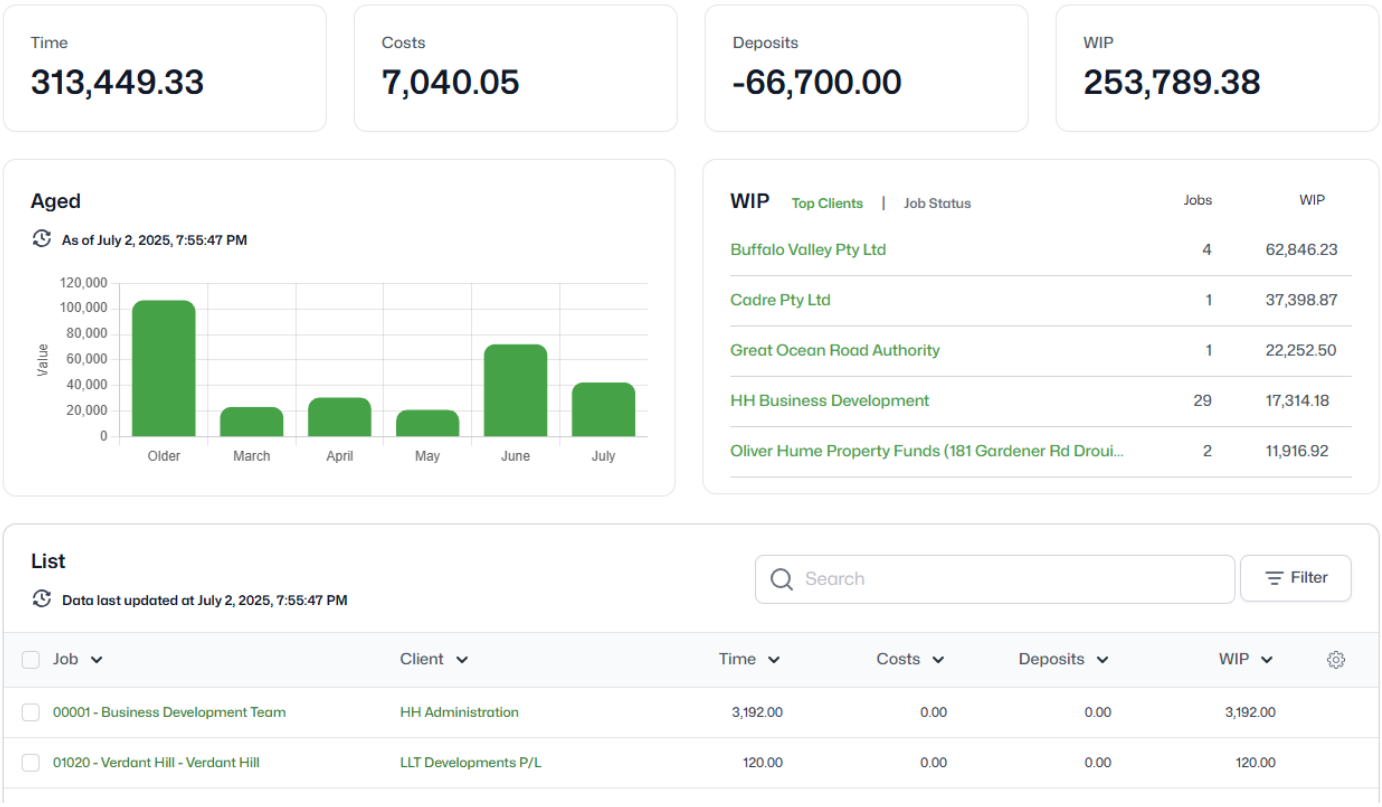
- ***Jobs*** *– drive the list of in-progress jobs you want to value:*
  GET https://api.xero.com/practicemanager/3.1/job.api/get/{jobNumber}.
- ***Time*** *– fetch timesheet entries for a job (filter by date range):*
  GET
  https://api.xero.com/practicemanager/3.1/time.api/job/{jobNumber}?from=YYYYMMDD&to=YYYYMMDD.
- ***Costs*** *– pull disbursements/expenses attached to the job (materials, outlays):*
  GET https://api.xero.com/practicemanager/3.1/cost.api/list?page=1 (filter by job/uuid in query).
- ***Invoices*** *– retrieve invoices against the job to subtract amounts already billed: GET*
  https://api.xero.com/practicemanager/3.1/invoice.api/get/{invoiceNumber} (there are job/invoice listing routes too).

1. Use **job state/status** to include only active/in-progress jobs.
2. Pull **time** entries and value them using the entry's charge rate / task rate (as returned by the time API).
3. Pull **costs** (disbursements) that are billable and not yet invoiced.
4. Subtract **invoices** (progress/final) allocated to that job up to the cutoff.

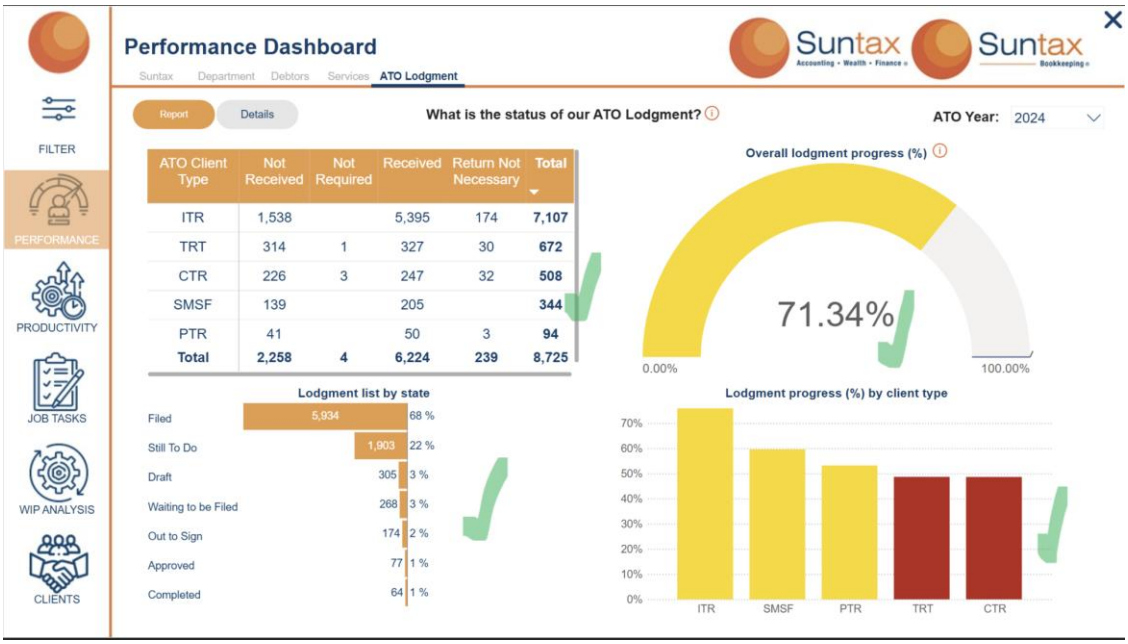
This is where the data will be found in WFM

Business – Work In Progress
All the data in this page can be used for WIP





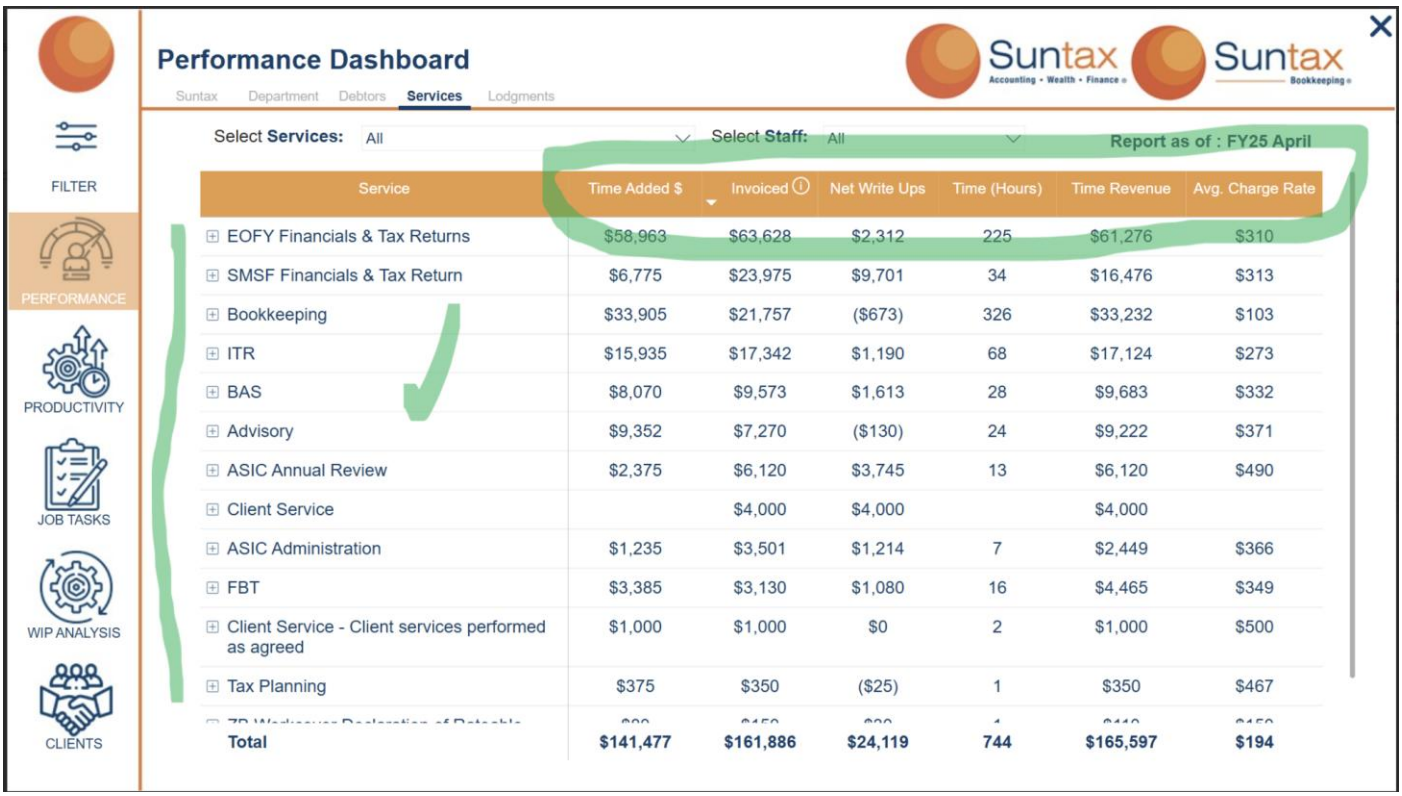
Dashboard 5 – ATO Lodgment Status and Progress



NOTE:FURTHER INFORMATION REQUIRED FROM SUNTAX

No API's seem to be available for this category, will check with Suntax and update

Dashboard 6 – Services



Service	Time Added $	Invoiced	Net Write Ups	Time (Hours)	Time Revenue	Avg. Charge Rate
EOFY Financials & Tax Returns	$58,963	$63,628	$2,312	225	$61,276	$310
SMSF Financials & Tax Return	$6,775	$23,975	$9,701	34	$16,476	$313
Bookkeeping	$33,905	$21,757	($673)	326	$33,232	$103
ITR	$15,935	$17,342	$1,190	68	$17,124	$273
BAS	$8,070	$9,573	$1,613	28	$9,683	$332
Advisory	$9,352	$7,270	($130)	24	$9,222	$371
ASIC Annual Review	$2,375	$6,120	$3,745	13	$6,120	$490
Client Service		$4,000	$4,000		$4,000	
ASIC Administration	$1,235	$3,501	$1,214	7	$2,449	$366
FBT	$3,385	$3,130	$1,080	16	$4,465	$349
Client Service - Client services performed as agreed	$1,000	$1,000	$0	2	$1,000	$500
Tax Planning	$375	$350	($25)	1	$350	$467
Total	**$141,477**	**$161,886**	**$24,119**	**744**	**$165,597**	**$194**

XPM APIs required

- **Time** – lists timesheet entries (hours, billable flag, task, staff, job, dates). Use this for **Time (Hours)** and the value of time:
  GET https://api.xero.com/practicemanager/3.1/time.api/list?from=20250101&to=20250131
- **Invoices** – get invoices (amounts, job linkage) to compute **Invoiced** and to derive **Net Write Ups** (see formula below):
  GET …/invoice.api/get/{invoiceNumber}
- **Jobs** – to filter/segment by client, job status, manager, etc. (helps scope your dataset to "active" work):
  GET …/job.api/get/{jobNumber}
- **Tasks** and/or **Categories** – use these to group by your "Accounting services" buckets (BAS, ITR, Bookkeeping, FBT, ASIC Admin, Client Service). Practices typically map these through Task codes or Categories:
  GET …/task.api/list and/or GET …/category.api/list

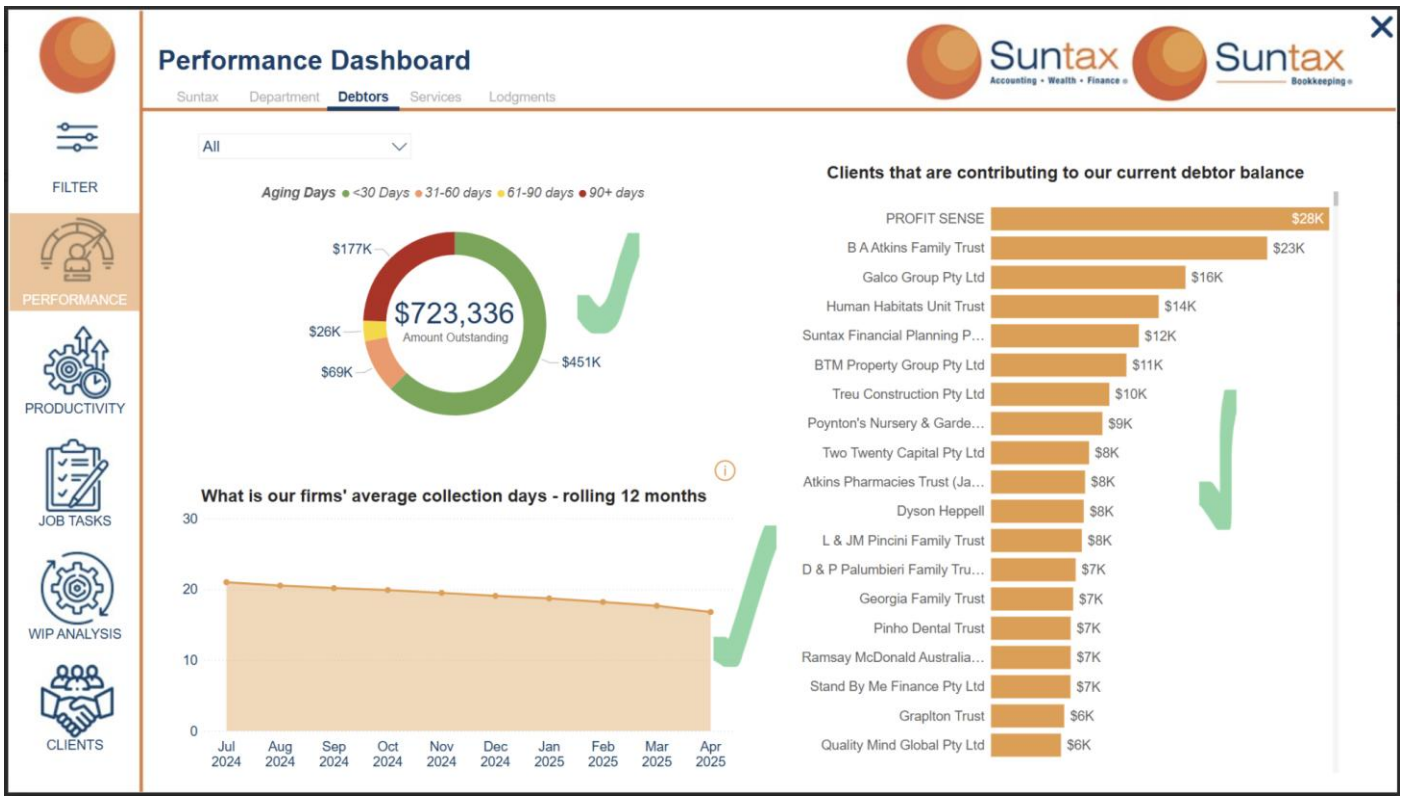
1. XPM values time using **staff/task billable rates** (configurable). That produces a "charge value" you need for $$ calculations.
2. "Write-on/off" isn't surfaced as a simple API field; you compute it from time value vs invoiced value.

How to compute each dashboard column

Let your grain be **Service (Task/Category) × Period (e.g., month) × Client/Job (optional)**.

1. **Time (Hours)**
   Sum hours from **Time** entries in the period, filtered to billable work if that's your definition. developer.xero.com
2. **Time Added $** (aka "charge value" of time entered)
   For each time entry: hours × billable rate (rate comes from XPM's staff/task rate hierarchy, yielding the charge value). Sum by Service. support.linkacademy.com+1
3. **Invoiced**
   Sum **Invoices** amounts in the period, linked back to jobs (and ideally allocated to tasks/services if you do task-based billing or use categories on invoice lines). developer.xero.com
4. **Time Revenue** (realised revenue attributed to time)
   Pragmatic approaches:
   - If you allocate invoices by **task/service**: sum invoice lines for that service = Time Revenue.
   - If not allocated at line level: apportion each invoice across the job's services **pro-rata by Time Added $** in the same period/job. (Common workaround since XPM doesn't return a "realised per time entry" field.)
5. **Net Write Ups**
   Net Write Ups = Invoiced – Time Added $ (by the same grouping and period). Positive = write-on; negative = write-off. This mirrors XPM's concept used in the Fees & Write On/Off reporting. central.xero.com+1
6. **Avg. Charge Rate**
   Avg. Charge Rate = Time Revenue ÷ Time (Hours) (or use Time Added $ if you prefer pre-invoice charge rate).

Dashboard 7 – Debtors



API calls

- GET /api.xro/2.0/Invoices (filter to Type=ACCREC and Status in (AUTHORISED, PAID, PARTPAID); page through) — includes AmountDue, AmountPaid, Date, DueDate, Contact, and (when expanded) Payments you can use for "days to collect".

- GET /api.xro/2.0/Contacts (to join names, groups, etc.).

Ageing buckets (as at Date X)
For each **open** invoice (AmountDue > 0 at Date X):

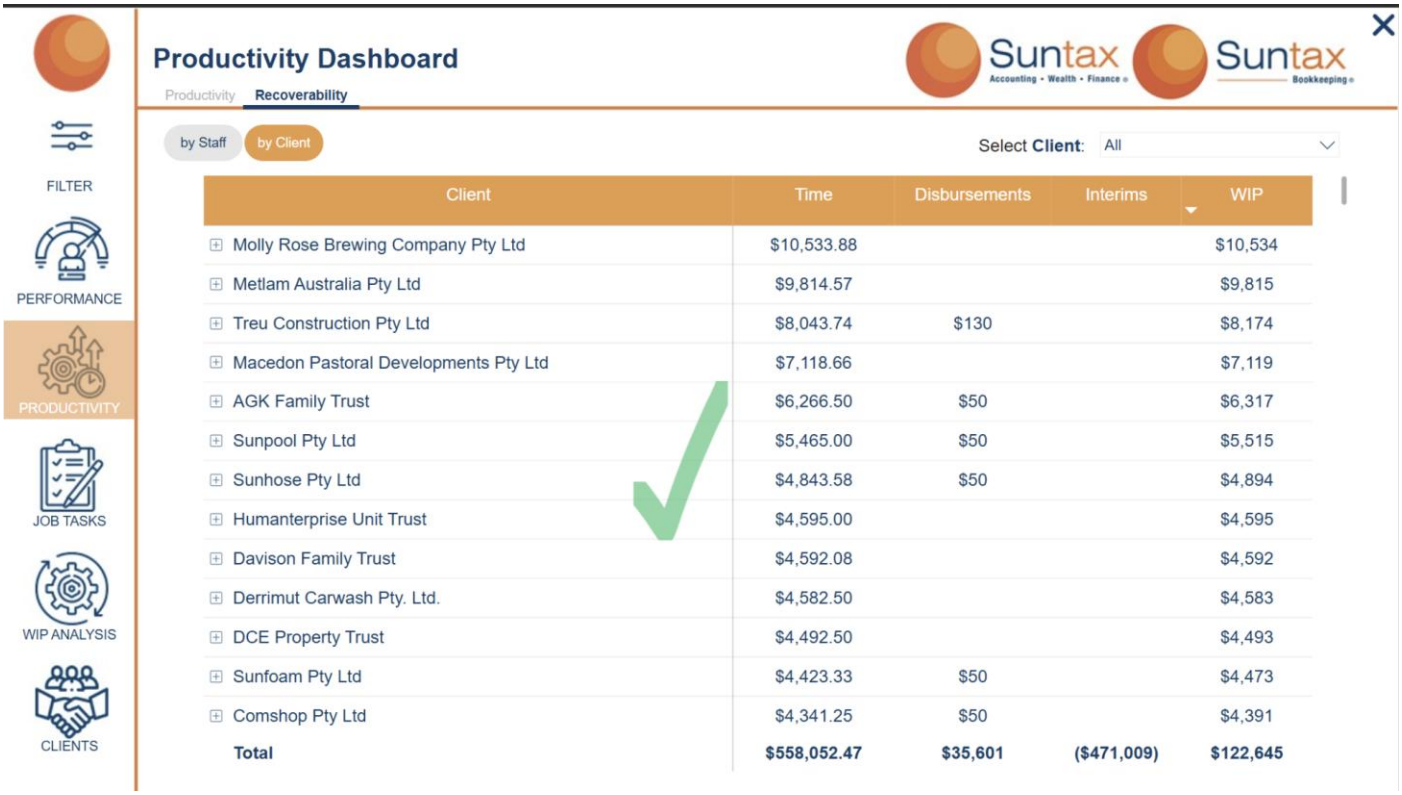
- < 30: if 0 < days_overdue <= 30
- 31–60: if 31 <= days_overdue <= 60
- 61–90: if 61 <= days_overdue <= 90
- 90+: if > 90
  Where days_overdue = DateX − DueDate (clip at 0 when not yet due).

Client debtors chart
Group SUM(AmountDue) by Contact.

Rolling 12-month collection days (DSO)
Two common methods:

- **Invoice-level (actual days to collect):** for fully paid invoices, compute days_to_collect = (max(PaymentDate) − InvoiceDate) using the invoice's **Payments** array; average by month of invoice date. (Good behavioural signal.)
- **Classic DSO:** for each month m,
  DSO(m) = (Average AR balance in m ÷ Credit Sales in m) × Days_in_m. (Uses your AR balance snapshot + sales.)

Dashboard 8 – Client Recoerability



Client	Time	Disbursements	Interims	WIP
Molly Rose Brewing Company Pty Ltd	$10,533.88			$10,534
Metlam Australia Pty Ltd	$9,814.57			$9,815
Treu Construction Pty Ltd	$8,043.74	$130		$8,174
Macedon Pastoral Developments Pty Ltd	$7,118.66			$7,119
AGK Family Trust	$6,266.50	$50		$6,317
Sunpool Pty Ltd	$5,465.00	$50		$5,515
Sunhose Pty Ltd	$4,843.58	$50		$4,894
Humanterprise Unit Trust	$4,595.00			$4,595
Davison Family Trust	$4,592.08			$4,592
Derrimut Carwash Pty. Ltd.	$4,582.50			$4,583
DCE Property Trust	$4,492.50			$4,493
Sunfoam Pty Ltd	$4,423.33	$50		$4,473
Comshop Pty Ltd	$4,341.25	$50		$4,391
Total	**$558,052.47**	**$35,601**	**($471,009)**	**$122,645**

APIs to call

- **Time** → hours + charge value per entry (billable vs non-billable, staff/task rate). Use for **Time ($)**:
  GET https://api.xero.com/practicemanager/3.1/time.api/list?from=YYYYMMDD&to=YYYYMMDD

- **Costs** → disbursements/expenses on jobs. Use for **Disbursements**:
  GET …/cost.api/list?page=1
- **Invoices** → progress/final invoices; imported invoices from Xero show in XPM and behave as **Interims** (negative WIP) until "wash-up". Use for **Interims** totals:
  GET …/invoice.api/get/{invoiceNumber}
- **Jobs** / **Clients** → IDs, names, and filtering (active jobs, client mapping).
  GET …/job.api/get/{jobNumber} • GET …/client.api/* (use clientUuid)

XPM WIP = **uninvoiced time and disbursements** on jobs; interims and write-offs affect that balance.

Compute your columns (by Client, within a chosen period)

- **Time ($)**: Sum charge value of **billable** time entries from **Time API** (hours × charge rate per entry).
- **Disbursements**: Sum **billable** costs from **Costs API** (materials/outlays) for the client's jobs.
- **Interims**: Sum invoice amounts that are **interim/progress** (including invoices imported from Xero into XPM) for those jobs; these act as **negative WIP** until washed up.
- **WIP** (at a cutoff date):

  WIP = (billable Time $ to date)

  + (billable Disbursements to date)

  – (Interims applied to date)

  – (Write-offs applied to date, if any)