# **Track Record**

Issue 74 January - March 2018 Victorian public transport services quarterly performance bulletin



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## Victorian public transport services quarterly performance bulletin Issue 74 January – March 2018

This information is published by Public Transport Victoria (PTV). PTV was established in 2012 and manages Victoria's train, tram and bus services. PTV also provides a single contact for customers wanting information on public transport timetables, services, tickets and improvement projects.

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# **Punctuality and reliability**

In February 2018, PTV launched its operator performance data (both current and historical) for train and tram services available to the public on its website via a <u>public dashboard</u>.

As this will now be the most up-to-date source of performance data, this will no longer be reported in quarterly Track Record.

Punctuality and reliability data for metropolitan buses will continue to be reported in Track Record until it is integrated into the public dashboard.

### **Punctuality - Metropolitan Bus**

As of 1 April 2016, punctuality is measured as the proportion of services departing timing points no more than 59 seconds early and no more than 4 minutes and 59 seconds later than timetabled/scheduled. Data is collected by Victoria's bus tracking system (BTS).

BTS systems collect information from global positioning system (GPS) devices on buses, and at approximately 20,000 bus stops across metropolitan Melbourne.

Prior to the introduction of BTS systems, data was collected through manual reporting mechanisms. Services were considered on time when they arrived no later than 5 minutes and 59 seconds late. Manual reporting was based on limited samples of 5–10 per cent of services.

| Table 1: Bus | s punctuality – | percentage of | services | on-time |
|--------------|-----------------|---------------|----------|---------|
|--------------|-----------------|---------------|----------|---------|

| Mode                                    | Threshold   | Jan–<br>Mar<br>2017 | Apr–<br>Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|---|-------------|---------------------|---------------------|-----------------|-----------------|-----------------|
| Metropolitan buses – average over route | punctuality | 80.3                | 80.8                | 82.5            | 79.7            | 80.2            |

### **Reliability – Metropolitan Bus**

Table 2: Bus reliability – percentage of timetable delivered

| Mode                  | Measure              | Jan-Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sept<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|-----------------------|----------------------|-----------------|-----------------|------------------|-----------------|-----------------|
| Metropolitan<br>buses | % services delivered | >99.9           | >99.9           | >99.9            | >99.9           | 99.8            |

### **Customer compensation**

Train and tram operators are expected to deliver a punctual and reliable service for customers.

PTV insists that operators do everything they can to deliver services in line with the agreed timetable.

Where operators fall short, they are required to pay compensation to customers, in the form of complimentary travel. Only customers who travel with a periodical ticket of four weeks or more are eligible to receive compensation.

#### Table 3: Service level thresholds for compensation (per cent)

| Measure     | Threshold                         | Trains | Trams | V/Line |
|-------------|-----------------------------------|--------|-------|--------|
| Punctuality | Arrival by 4 minutes, 59 seconds  | 92     | 82    | -      |
|             | Arrival by 5 minutes, 59 seconds  | -      | -     | 92*    |
| Reliability | Percentage of timetable delivered | 98.5   | 98.5  | -      |
|             | Percentage of services delivered  | -      | -     | 96     |

\* For V/Line long-distance services, on-time arrival is defined as arriving no later than 10 minutes and 59 seconds after the timetabled arrival time

#### **Metropolitan trains**

Customer compensation was not paid for metropolitan trains this quarter.

#### Metropolitan trams

Passenger compensation is **payable** for January 2018 as reliability was below the applicable threshold (98.0 per cent).

Passenger compensation is **payable** for March 2018 as punctuality was below the applicable threshold (79.0 per cent).

#### V/Line

#### January 2018

Passenger compensation is **payable** on all lines as punctuality was below the applicable threshold (92.0 per cent).

Compensation is **payable** for reliability on the Albury, Ballarat, Bendigo, Geelong and Warrnambool lines as performance was below the applicable threshold (96.0 per cent).

#### February 2018

Passenger compensation is **payable** on all lines as punctuality was below the applicable threshold (92.0 per cent).

Compensation is **payable** for reliability on the Albury, Ballarat and Gippsland lines as performance was below the applicable threshold (96.0 per cent).

#### March 2018

Passenger compensation is **payable** on all lines as punctuality was below the applicable threshold (92.0 per cent).

Compensation is **payable** for reliability on the Albury, Ballarat and Warrnambool lines as performance was below the applicable threshold (96.0 per cent).

### **Payments**

#### **Metropolitan Train and Tram**

Metro Trains and Yarra Trams receive regular payments from Public Transport Victoria to cover the delivery of services and the operation and development of the networks. The terms of these payments are outlined in operator franchise agreements.

From 30 November 2017, Metro Trains and Yarra Trams entered into new seven-year contracts to operate Melbourne's metropolitan train and tram networks respectively. Under the conditions of the new contract, both operators will be held to new performance measures and will be accountable to deliver against these metrics in order to receive any incentive payments.

Incentive payments are based on a detailed measure of the passenger impact of service disruptions. These include delays, cancellations, short services and a number of other disruption types (including trains that bypass the City and/or Westona loops).

Each disruption is multiplied by an agreed 'passenger weighting' for that service which depends on the route, the time of day, and the direction of the service. Longer delays result in higher penalties. Operators can receive incentive payments or incur penalties depending on whether the level of disruption is above or below agreed levels in the contracts.

Payment data for this edition includes December 2017 (the commencement of MR4) as a standalone month, followed by the normal results by quarter for January to March 2018. Incentive and penalty is the only exception, reported by quarter total for the December 2017 quarter.

#### Table 4: Metropolitan train payments (\$'000s)

| Payment type   | Dec 2017 | Jan-Mar<br>2018 |
|--|----------|-----------------|
| Base contract  |          |                 |
| Fixed sum to operate services and other miscellaneous franchise payments                         | 28,024   | 93,533          |
| Incentive and penalty*   |          |                 |
| Payments or penalties related to operator performance against agreed metrics                     | 2,379*   | 1,179           |
| Revenue Reset Adjustment Payment <sup>1</sup>  |          |                 |
| Adjustments to the franchise payment based on the difference between expected and actual farebox | -        | 590             |
| OCMS maintenance <sup>2</sup>  |          |                 |
| Payments for maintenance and renewal of the Operational Control<br>Management System (OCMS)      | -        | 16,114          |
| Rolling stock  | 0.007    | 04.444          |
| Payments for rolling stock lease and other associated rolling stock costs                        | 6,907    | 24,114          |
| Infrastructure maintenance <sup>2</sup>  |          | 10.015          |
| Payments and renewal of infrastructure systems   | -        | 49,615          |
| TOTAL  | 34,932   | 183,967         |

\*Please note that 'Incentive or penalty' amounts shown here for the December 2017 quarter reflect **total** OPR and EOPR payments or penalties received by the operator for performance in the periods 1 October to 29 November 2017 and 30 November to 31 December 2017 respectively.

<sup>1</sup>Revenue Reset Adjustment Payments commenced 1 January 2018 as part of new contracts. <sup>2</sup>As OCMS and Infrastructure maintenance payments have been introduced as part of new contracts, initial payments did not occur until after the first month of operations (December 2017)

#### Table 5: Metropolitan tram payments (\$'000s)

| Payment type   | Dec 2017 | Jan-Mar<br>2018 |
|--|----------|-----------------|
| Base contract  |          |                 |
| Fixed sum to operate services and other miscellaneous franchise payments                         | 14,507   | 48,682          |
| Incentive and penalty*   |          |                 |
| Payments or penalties related to operator performance against agreed metrics                     | 1,545*   | 146             |
| Revenue Reset Adjustment Payment <sup>1</sup>  |          |                 |
| Adjustments to the franchise payment based on the difference between expected and actual farebox | -        | 1,547           |
| OCMS maintenance <sup>2</sup>  |          |                 |
| Payments for maintenance and renewal of the Operational Control<br>Management System (OCMS)      | -        | 2,889           |
| Rolling stock  | 4.074    | 5 404           |
| Payments for rolling stock lease and other associated rolling stock costs                        | 1,971    | 5,164           |
| Infrastructure maintenance <sup>2</sup>  |          |                 |
| Payments and renewal of infrastructure systems   | -        | -               |
| TOTAL  | 16,478   | 58,282          |

\*Please note that 'Incentive or penalty' amounts shown here for the December 2017 quarter reflect **total** OPR and EOPR payments or penalties received by the operator for performance in the periods 1 October to 29 November 2017 and 30 November to 31 December 2017 respectively.

<sup>1</sup>Revenue Reset Adjustment Payments commenced 1 January 2018 as part of new contracts. <sup>2</sup>As OCMS and Infrastructure maintenance payments have been introduced as part of new contracts, initial payments did not occur until after the first month of operations (December 2017)

### V/Line

Regional train and coach payments are now included as part of the base contract to V/Line, which is a state-owned enterprise.

| Payment type  | Jan-Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Base contract | 113,494         | 81,379          | 152,743         | 127,789         | 108,251         |
| Farebox       | 25,623          | 23,876          | 23,229          | 23,192          | 27,084          |
| Rolling stock | 8,953           | 8,953           | 8,953           | 8,953           | 8,953           |
| Total         | 148,071         | 114,208         | 184,925         | 159,934         | 144,289         |

### Table 6: Regional train and coach payments (\$'000s)

#### Bus

PTV has individual contracts with bus operators to run services in Melbourne and regional areas. Payments are made to these operators to help deliver route and school bus services.

| Payment type | Jan- Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|--------------|------------------|-----------------|-----------------|-----------------|-----------------|
| Metropolitan | 155,331          | 153,429         | 157,842         | 157,728         | 161,532         |
| Regional     | 30,707           | 31,633          | 32,538          | 32,519          | 32,767          |
| School       | 39,159           | 58,220          | 59,436          | 59,722          | 40,430          |
| Total        | 225,198          | 243,282         | 249,816         | 249,968         | 234,729         |

# **Customer satisfaction**

The Customer Satisfaction Monitor is a telephone survey which is conducted monthly, and reported on quarterly.

Overall, Customer Satisfaction for metropolitan Melbourne continues to be reported upon via a six-point scale for continuity, however at a mode-by-mode level Customer Satisfaction is now reported on via a ten-point scale which is easier for respondents and provides a more granular response.

### **Overall public transport satisfaction**

#### Table 8: Metropolitan public transport modes overall satisfaction (six-point scale)

| Jan-Mar 2017 | Apr-Jun 2017 | Jul-Sep 2017 | Oct-Dec 2017 | Jan-Mar 2018 |
|--------------|--------------|--------------|--------------|--------------|
| 68.8         | 67.7         | 67.7         | 68.3         | 68.5         |

Overall satisfaction across metropolitan public transport modes increased slightly compared with last quarter, up from 68.3 in the December 2017 quarter to 68.5 in the March 2018 quarter.

|                     | Jan-Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Metropolitan trains | 73.5            | 72.7            | 73.3            | 74.1            | 72.9            |
| Metropolitan trams  | 76.2            | 76.4            | 76.8            | 76.1            | 77.5            |
| Metropolitan buses  | 76.7            | 75.9            | 76.9            | 76.6            | 76.8            |
| Regional trains     | 77.1            | 74.3            | 75.0            | 77.2            | 74.6            |
| Regional coaches    | 82.9            | 82.8            | 79.4            | 82.2            | 85.5            |

#### Table 9: Overall customer satisfaction by mode (ten-point scale)

Overall satisfaction with metropolitan trains decreased compared with last quarter, down from a score of 74.1 in the December 2017 quarter to 72.9 in the March 2018 quarter.

Overall satisfaction with metropolitan trams increased compared to the last quarter, from a score of 76.1 for the December 2017 quarter to 77.5 for March 2018 quarter.

Overall satisfaction with metropolitan buses increased slightly compared with last quarter, from a score of 76.6 for the December 2017 quarter to 76.8 for the March 2018 quarter.

Overall customer satisfaction with regional trains decreased from a score of 77.2 for the December 2017 quarter to 74.6 for the March 2018 quarter.

Overall customer satisfaction increased for V/Line coaches, from a score of 82.2 in the December 2017 quarter to 85.5 for the March 2018 quarter.

### Customer satisfaction by mode

| METROPOLITAN TRAINS     | Jan-Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                         | 2017            | 2017            | 2017            | 2017            | 2010            |
| N=                      | 850             | 850             | 850             | 850             | 850             |
| Overall satisfaction    | 73.5            | 72.7            | 73.3            | 74.1            | 72.9            |
| Running of services     | 74.1            | 74.0            | 74.1            | 74.4            | 73.9            |
| Personal security       | 71.0            | 70.0            | 71.1            | 70.9            | 70.3            |
| Design, space & comfort | 70.1            | 69.0            | 70.2            | 71.3            | 70.3            |
| Information             | 74.4            | 75.5            | 74.8            | 75.4            | 74.3            |
| Train stations          | 70.5            | 70.4            | 70.9            | 71.1            | 70.8            |
| myki ticketing          | 68.9            | 70.2            | 71.2            | 72.7            | 71.8            |
| Price                   | 68.5            | 69.4            | 70.6            | 72.0            | 71.2            |
| Train drivers           | 81.7            | 81.7            | 81.9            | 83.5            | 81.7            |
| Other train staff       | 80.3            | 79.9            | 81.2            | 81.7            | 80.0            |
| Authorised officers     | 75.2            | 74.3            | 77.4            | 77.7            | 77.5            |

### Table 10: Detailed satisfaction – Metropolitan Trains

| Table 11: [ | Detailed | satisfaction | – Metropolitan | Trams |
|-------------|----------|--------------|----------------|-------|
|-------------|----------|--------------|----------------|-------|

| METROPOLITAN TRAMS      | Jan-Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| N=                      | 850             | 850             | 850             | 850             | 850             |
| Overall satisfaction    | 76.2            | 76.4            | 76.8            | 76.1            | 77.5            |
| Running of services     | 75.8            | 75.2            | 75.7            | 75.3            | 77.1            |
| Personal security       | 74.5            | 74.8            | 75.8            | 76.0            | 76.5            |
| Design, space & comfort | 70.8            | 71.1            | 71.0            | 71.8            | 71.7            |
| Information             | 75.5            | 75.5            | 76.4            | 75.8            | 76.3            |
| Tram stops              | 75.8            | 75.2            | 75.7            | 75.9            | 76.8            |
| myki ticketing          | 66.7            | 66.7            | 68.4            | 67.8            | 69.0            |
| Price                   | 68.6            | 69.1            | 71.3            | 71.6            | 71.3            |
| Tram drivers            | 77.0            | 77.4            | 78.6            | 78.2            | 78.4            |
| Other tram staff        | 83.1            | 83.9            | 83.5            | 85.2            | 85.6            |
| Authorised officers     | 71.0            | 71.4            | 71.7            | 73.1            | 74.4            |

### Table 12: Detailed satisfaction – Metropolitan Buses

| METROPOLITAN BUSES      | Jan-Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| N=                      | 425             | 425             | 425             | 425             | 425             |
| Overall satisfaction    | 76.7            | 75.9            | 76.9            | 76.6            | 76.8            |
| Running of services     | 73.3            | 72.9            | 74.2            | 74.4            | 73.3            |
| Personal security       | 78.0            | 77.6            | 76.9            | 78.6            | 77.7            |
| Design, space & comfort | 77.3            | 77.2            | 78.6            | 77.6            | 78.7            |
| Information             | 73.7            | 72.2            | 73.1            | 73.4            | 73.0            |
| Bus stops               | 74.5            | 74.1            | 74.1            | 75.5            | 73.8            |
| myki ticketing          | 73.2            | 71.8            | 73.7            | 73.1            | 73.2            |
| Price                   | 73.4            | 73.4            | 74.3            | 73.8            | 74.1            |
| Bus drivers             | 81.2            | 81.8            | 80.6            | 81.0            | 81.4            |
| Authorised officers     | 79.5            | 81.3            | 78.7            | 79.4            | 79.1            |

| Table 13: Detailed satisfaction - | <b>Regional Trains</b> |
|-----------------------------------|------------------------|
|-----------------------------------|------------------------|

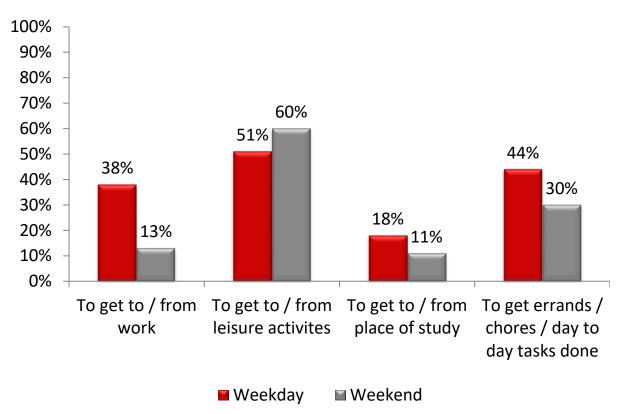
| REGIONAL TRAINS          | Jan-Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| N=                       | 355             | 360             | 357             | 361             | 360             |
| Overall satisfaction     | 77.1            | 74.3            | 75.0            | 77.2            | 74.6            |
| Running of services      | 71.8            | 71.8            | 72.6            | 75.0            | 72.1            |
| Personal security        | 79.7            | 77.7            | 77.8            | 79.8            | 79.8            |
| Design, space & comfort  | 76.2            | 73.1            | 73.1            | 75.2            | 73.7            |
| Information              | 78.5            | 75.7            | 76.9            | 78.9            | 76.1            |
| Seat reservation service | 84.9            | 84.1            | 83.6            | 85.2            | 84.6            |
| Paper ticketing          | 83.5            | 79.5            | 81.1            | 84.0            | 81.9            |
| myki ticketing           | 75.4            | 72.5            | 71.5            | 76.1            | 74.8            |
| Price                    | 77.6            | 77.5            | 78.3            | 78.1            | 78.5            |
| V/Line stations          | 78.1            | 75.6            | 75.6            | 78.1            | 77.1            |
| Refreshment service      | 68.8            | 72.4            | 65.2            | 68.5            | 64.4            |
| Station staff            | 88.2            | 86.5            | 87.9            | 88.1            | 87.2            |
| Conductors               | 86.5            | 86.1            | 87.0            | 87.7            | 87.4            |

### Table 14: Detailed satisfaction – Regional Coaches

| REGIONAL COACHES         | Jan-Mar<br>2017 | Apr-Jun<br>2017 | Jul-Sep<br>2017 | Oct-Dec<br>2017 | Jan-Mar<br>2018 |
|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| N=                       | 70              | 65              | 68              | 64              | 65              |
| Overall satisfaction     | 82.9            | 82.8            | 79.4            | 82.2            | 85.5            |
| Running of services      | 79.4            | 81.8            | 76.6            | 76.5            | 80.2            |
| Personal security        | 85.6            | 84.2            | 84.0            | 82.5            | 88.5            |
| Design, space & comfort  | 81.6            | 81.5            | 82.4            | 81.9            | 83.5            |
| Information              | 81.3            | 81.9            | 75.1            | 81.1            | 82.8            |
| Coach stops              | 79.1            | 76.6            | 75.5            | 77.9            | 79.2            |
| Coach drivers            | 89.4            | 89.8            | 88.4            | 88.9            | 90.8            |
| Price                    | 86.5            | 83.8            | 84.0            | 82.8            | 83.3            |
| V/Line ticketing         | 81.9            | 79.2            | 76.6            | 77.1            | 83.0            |
| Seat reservation service | 84.0            | 83.2            | 84.3            | 85.6            | 84.3            |

# **Travel behaviour and ticketing**

### Travel behaviour



### Figure 1: Main purpose of trip on weekday and weekend

### Table 15: Main purpose of trip on weekday and weekend

| Purpose of trip                                | Weekday<br>(Jan-Mar 2018) | Weekend<br>(Jan-Mar 2018) |
|--|---------------------------|---------------------------|
| To get to / from work                          | 38%                       | 13%                       |
| To get to / from leisure activities            | 51%                       | 60%                       |
| To get to / from place of study                | 18%                       | 11%                       |
| To get errands / chores/ day to day tasks done | 44%                       | 30%                       |

Source – Quantum Research PTV Tracker (from July 2017)

The main purpose for using public transport on both a weekday and weekend is for leisure purposes. Across the working week, more than a third used public transport for work and almost half used it for running errands or day-to-day tasks.

### myki device availability

NTT Data Payment Services Victoria (PSV) is under contract to the Victorian Government to operate and maintain the myki ticketing system for Victoria's public transport network as per the Ticketing System Services Agreement.

myki device availability measurements for the Ticketing System Services Agreement measures the availability of devices during operational shift hours only. This measure forms the base (or unweighted) availability.

The unweighted availability is adjusted based on whether the device is unavailable during a peak period and if the device is located within the top 10 per cent of the busiest train stations (based on fare payment device volumes). This measure becomes the weighted availability (as reported below), by which PSV is assessed against.

It should be noted that 'myki reader (mobile)' excludes readers deployed on trams, as in accordance with the Ticketing System Services Agreement.

 Table 16: Month-by-month NTT Data Key Performance Indicator calculated availability

 (per cent)

| Equipment                       | January 2018 | February 2018 | March 2018 |
|---------------------------------|--------------|---------------|------------|
| myki gate                       | 99.55%       | 99.35%        | 99.64%     |
| myki reader (mobile)            | 99.72%       | 99.7%         | 99.71%     |
| myki reader<br>(stationary)     | 99.42%       | 99.56%        | 99.56%     |
| Myki card vending machine (CVM) | 99.17%       | 99.07%        | 99.16%     |

### **Authorised Officers**

Figure 2: Attitudes toward Authorised Officers (per cent)

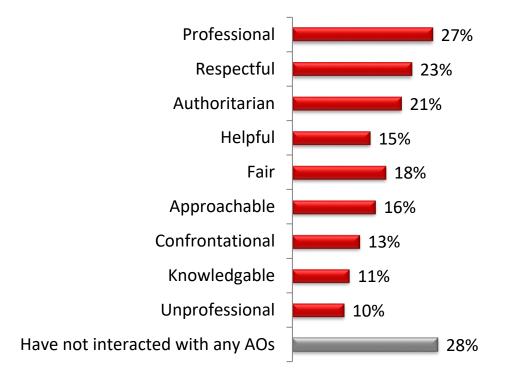


Table 17: Attitudes toward Authorised Officers (per cent)

| Attitudes towards authorised officers on Public Transport | Jul - Sep<br>2017 | Oct - Dec<br>2017 | Jan - Mar<br>2018 |
|---|-------------------|-------------------|-------------------|
| Professional  | 27%               | 25%               | 27%               |
| Respectful  | 22%               | 22%               | 23%               |
| Authoritarian   | 19%               | 20%               | 21%               |
| Helpful   | 17%               | 14%               | 15%               |
| Fair  | 16%               | 17%               | 18%               |
| Approachable  | 15%               | 16%               | 16%               |
| Confrontational   | 13%               | 13%               | 13%               |
| Knowledgeable   | 9%                | 9%                | 11%               |
| Unprofessional  | 8%                | 7%                | 10%               |
| Have not interacted with any AOs                          | 32%               | 35%               | 28%               |
| Sample size   | 513               | 522               | 527               |

Source: Quantum Research PTV Tracker

# **Customer Service**

### **Digital products**

PTV's website provides journey planning, timetable and ticketing information for metropolitan Melbourne and regional Victoria.

The PTV mobile phone apps for iPhones and Android handsets feature timetable and journey planning information.

|                     | January<br>2018 | February<br>2018 | March<br>2018 | Quarter<br>total | Quarter<br>on quarter<br>change | Year on<br>year<br>change |
|---------------------|-----------------|------------------|---------------|------------------|---------------------------------|---------------------------|
| Website<br>sessions | 3.8m            | 3.7m             | 4.2m          | 11.6m            | +4.5%                           | -3.9%                     |
| App<br>sessions     | 6.5m            | 7.2m             | 8.8m          | 22.5m            | +8.6%                           | +28.5%                    |

Table 20: Website and app performance

### PTV website

The PTV website received 11.6 million sessions from customers in the March 2018 quarter; up 4.5 per cent from the previous quarter, and down 3.9 per cent year-on-year.

Usage increased across the quarter to the seasonal peak around the start of the university year in late February and early March.

### Journey planner

Customers planned a record 45.8 million journeys using PTV's journey planner across our website, mobile phone apps and call centre during the March 2018 quarter. This is a 9.5 per cent increase on the previous quarter, and up 13.7 per cent on the same period last year.

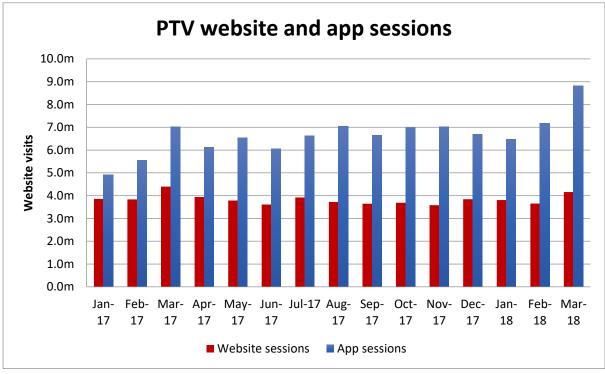
### News and service alterations

Planned works throughout the March 2018 quarter resulted in increased customer activity on the website's live travel updates section. The main drivers of this were closures on the Cranbourne, Pakenham and Frankston lines in January and February, and on the Hurstbridge line from mid-March.

### Mobile apps

Customers used PTV's mobile apps in 22.5 million sessions during the March 2018 quarter, an 8.6 per cent increase on the previous record of the December 2017 quarter, and up 28.5 per cent year-on-year.

Figure 3: Website and app sessions



Source: Google analytics

### Table 21: Website and app sessions

| Month        | Jan 2017  | Feb 2017  | Mar 2017  | Apr 2017  | May 2017  |
|--------------|-----------|-----------|-----------|-----------|-----------|
| Website      | 4,334,701 | 4,446,234 | 4,686,265 | 4,378,338 | 4,387,262 |
| sessions     |           |           |           |           |           |
| App sessions | 4,921,646 | 5,543,405 | 7,018,876 | 6,114,219 | 6,532,869 |

| Month        | Jun 2017  | Jul 2017  | Aug 2017  | Sep 2017  | Oct 2017  |
|--------------|-----------|-----------|-----------|-----------|-----------|
| Website      | 4,094,648 | 4,249,936 | 4,089,246 | 3,935,269 | 4,234,285 |
| sessions     |           |           |           |           |           |
| App sessions | 6,063,905 | 6,620,577 | 7,038,673 | 6,646,525 | 6,943,820 |

| Month        | Nov 2017  | Dec 2017  | Jan 2018  | Feb 2018  | Mar 2018  |
|--------------|-----------|-----------|-----------|-----------|-----------|
| Website      | 4,271,935 | 4,818,929 | 4,737,073 | 4,254,900 | 4,165,225 |
| sessions     |           |           |           |           |           |
| App sessions | 6,985,863 | 6,647,988 | 6,444,463 | 7,141,797 | 8,773,505 |

### **Call Centre**

PTV's Call Centre provides journey and ticket information for metropolitan and regional services, as well as taking reservations and payment for V/Line tickets. It also collects feedback on behalf of all operators.

| Table 22: Call Centre calls received |
|--------------------------------------|
|--------------------------------------|

|                   | Jan-18  | Feb-18 | Mar-18  | Quarter<br>Total | Quarter<br>on<br>quarter<br>change | Year on<br>year<br>change |
|-------------------|---------|--------|---------|------------------|------------------------------------|---------------------------|
| Calls<br>received | 104,130 | 92,190 | 105,436 | 301,756          | 0.8%                               | -7%                       |

Call volumes increased 0.8 per cent this quarter and decreased 7 per cent against the same period last year.

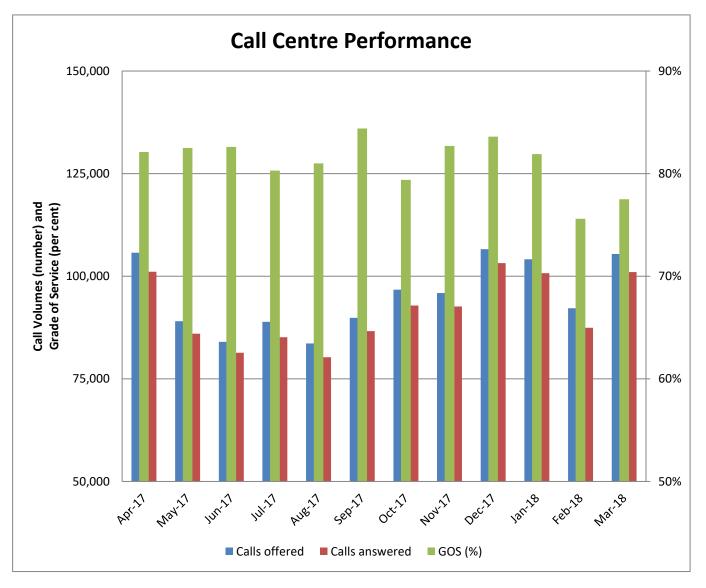


Figure 4: Call Volumes and Grade of Service (per cent)

Table 23: Call Volumes and Grade of Service (per cent)

| Calls          | Offered | Answered | GOS% |
|----------------|---------|----------|------|
| April 2017     | 105,754 | 101,105  | 82%  |
| May 2017       | 89,051  | 85,988   | 83%  |
| June 2017      | 84,003  | 81,350   | 83%  |
| July 2017      | 88,893  | 85,157   | 80%  |
| August 2017    | 83,633  | 80,271   | 81%  |
| September 2017 | 89,876  | 86,612   | 84%  |
| October 2017   | 96,727  | 92,866   | 79%  |
| November 2017  | 95,928  | 92,644   | 83%  |
| December 2017  | 106,592 | 103,191  | 84%  |
| January 2018   | 104,130 | 100,749  | 83%  |
| February 2018  | 92,190  | 87,444   | 76%  |
| March 2018     | 105,436 | 101,011  | 78%  |

The Grade of Service (GOS) target of 80 per cent of calls answered within 30 seconds was met in January (83 per cent).

## Industry-wide feedback

### About industry feedback

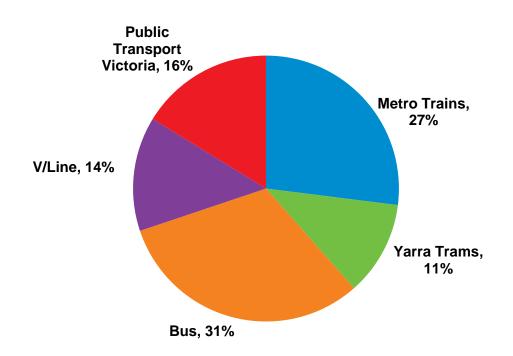
Feedback data from Metro Trains, Yarra Trams, V/Line and PTV is collected in a central database, Resolve, to aid industry-wide reporting and analysis. Bus data is provided to PTV by BusVic on behalf of its members.

### **Stakeholder share**

During the March 2018 quarter, stakeholders reported receiving 43,261 cases – a more than 102 per cent increase on the previous quarter, and a 35 per cent increase year-on-year.

PTV received 7,023 primary cases during the quarter; a 79 per cent increase on the previous quarter, and an increase of 35 per cent year-on-year.

### Figure 5: Resolve – Stakeholder share

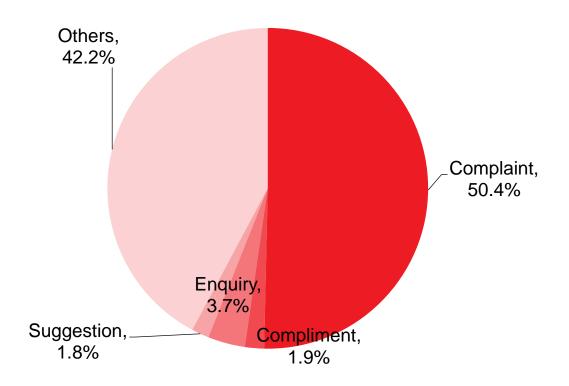


### Table 24: Resolve – Stakeholder share

| Operator                  | Total number<br>of cases | Share of all cases (%) | Quarter-on-<br>quarter<br>change | % Change<br>year-on-year |
|---------------------------|--------------------------|------------------------|----------------------------------|--------------------------|
| Metro Trains              | 11,675                   | 27%                    | 123%                             | 98%                      |
| Yarra Trams               | 4,973                    | 11%                    | 45%                              | 54%                      |
| Bus                       | 13,568                   | 31%                    | 124%                             | 75%                      |
| V/Line                    | 6,022                    | 14%                    | 118%                             | 58%                      |
| Public Transport Victoria | 7,023                    | 16%                    | 79%                              | 35%                      |
| Total                     | 43,261                   | 100%                   | 102%                             | 67%                      |

Types of feedback

### Figure 6: Types of feedback

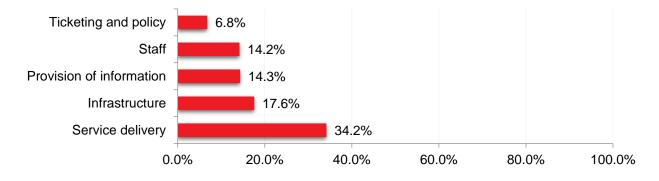


#### Table 25: Types of feedback

| Feedback type | Percentage |
|---------------|------------|
| Complaint     | 50.4       |
| Compliment    | 1.9        |
| Enquiry       | 3.7        |
| Suggestion    | 1.8        |
| Others        | 42.2       |

### **Industry feedback**

| Figure 7: Top | five feedback issu | es across the industry |
|---------------|--------------------|------------------------|
| <b>J</b>      |                    |                        |



**Note:** Top issues for cases entered into the Resolve database (excluding performance-based compensation claims and compliments).

| Table 26: Top five feedback issues across the i | industry |
|---|----------|
|---|----------|

| Issue                    | Percentage |
|--------------------------|------------|
| Service delivery         | 34.2       |
| Infrastructure           | 17.6       |
| Provision of information | 14.3       |
| Staff                    | 14.2       |
| Ticketing and policy     | 6.8        |

**Note:** Top issues for cases entered into the Resolve database (excluding performance-based compensation claims and compliments).

### Table 27: Breakdown of top industry issue: Service delivery

| Issue                 | Percentage |
|-----------------------|------------|
| Delayed               | 25.4       |
| Service Disruption    | 10.9       |
| Cancellation          | 10.8       |
| Service Change Needed | 12.0       |
| System improvement    | 8.2        |

**Note:** Bus industry feedback categorisation does not currently allow for analysis beyond the top PTV issues feedback.

### **PTV feedback**

Excluding compliments, 'Provision of information' was the top feedback issue of the quarter, accounting for 29 per cent of PTV cases.

Mobile Products accounted for 43 per cent of the feedback received under 'Provision of information'.

43 per cent of the feedback came from the iPhone - PTV App 3.1.0. Issues consist of:

- > Bus real time
- > Accuracy
- > Future enhancement

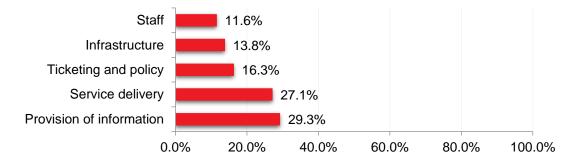
Service delivery accounted for 27 per cent of all PTV Cases. Requests include:

- > Modal coordination
- > Service change needed
- > System improvement

Some 2.28 per cent of cases received during the quarter were compliments. The top compliments were Staff and Ticketing and policy (accounting for 82 per cent of compliments).

- > 87 per cent of the compliments from Staff related to Call Centre
- > 60 per cent of the compliments from Ticketing and policy related to myki product

### Figure 8: PTV top five feedback issues



**Note:** Bus industry feedback categorisation does not currently allow for analysis beyond the top PTV issues feedback.

#### Table 28: PTV top five feedback issues

| Issue                    | Percentage |
|--------------------------|------------|
| Provision of information | 29.3       |
| Service delivery         | 27.1       |
| Infrastructure           | 13.8       |
| Ticketing and policy     | 16.3       |
| Staff                    | 11.6       |

**Note:** Top issues for cases entered into the Resolve database (excluding performance-based compensation claims and compliments).

### Table 29: Breakdown of top PTV issue: *Provision of Information*

| Issue               | Percentage |
|---------------------|------------|
| Mobile Products     | 42.7       |
| Timetable           | 15.7       |
| Website             | 15.6       |
| Journey Planner     | 9.4        |
| Information Request | 6.1        |

**Note:** Bus industry feedback categorisation does not currently allow for analysis beyond the top PTV issues feedback.