# TRACK RECORD

Victorian transport services quarterly performance bulletin

ISSUE 69 – SERVICES OCTOBER TO DECEMBER 2016

Established in April 2012, Public Transport Victoria (PTV) manages Victoria’s train, tram and bus services. PTV also provides a single contact point for customers wanting information on public transport timetables, services, tickets and improvement projects.

Public transport performance declined in the final quarter of 2016, with punctuality and reliability results decreasing across metropolitan and regional train services.

Overall satisfaction with metropolitan services decreased compared with last quarter, from 68.5 per cent down to 67.5 per cent. This was a significant decrease compared with the December 2015 quarter (69.6 per cent).

Overall satisfaction with V/Line services also decreased compared with last quarter, from 68.9 per cent down to 66.1 per cent. This was also a significant decrease compared with the December 2015 quarter (71.3 per cent)

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# Punctuality and reliability

## Punctuality

Metropolitan trains are considered on time if they arrive no more than four minutes and 59 seconds after their scheduled time in the timetable.

Metropolitan trams are considered on time if they arrive no more than 59 seconds before or four minutes and 59 seconds after the scheduled time in the timetable.

Metropolitan buses are considered on time if they arrive no more than 59 seconds before or five minutes and 59 seconds after their scheduled time in the timetable.

Long distance regional trains are considered on time if they arrive no more than 10 minutes and 59 seconds after their scheduled time in the timetable.

Short distance regional trains are considered on time if they arrive no more than five minutes and 59 seconds after their scheduled time in the timetable.

Punctuality measures do not include replacement services (i.e. replacement buses and coaches) which operated during the V/Line restoration period (January – June 2016).

**Note:** Effective from *Track Record 67*, punctuality measures for metropolitan bus services have changed.

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: Train, tram and bus punctuality – percentage of services on-time**

| **Mode** | **Threshold** | **Oct–Dec 2015** | **Jan–Mar 2016** | **Apr–Jun 2016** | **Jul–Sep 2016** | **Oct–Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- |
| **Metropolitan trains** | 4 minutes, 59 seconds late | 93.0 | 91.6 | 92.4 | 92.6 | 91.4 |
| **Metropolitan trams – average over route** | 4 minutes, 59 seconds late | 82.3 | 83.7 | 83.9 | 84.3 | 82.5 |
| **Metropolitan trams – at destination** | 4 minutes, 59 seconds late | 72.3 | 74.6 | 74.2 | 74.7 | 72.1 |
| **V/Line trains** | punctuality | 87.8 | 81.9 | 88.1 | 90.2 | 86.2 |
| **Metropolitan buses – average over route** | punctuality | 78.5 | 78.6 | 79.4 | 81.4 | 79.6 |
| **Metropolitan buses – old measure** | punctuality | 90.8 | 89.6 | — | — | — |

**Figure 1: Train, tram and bus punctuality – percentage of services on-time**

**Table 2: Metropolitan train punctuality – percentage of peak services on-time at destination**

| **Line** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- |
| **Alamein** | 91.5% | 91.2% | 90.4% | 92.7% | 89.0% |
| **Belgrave** | 89.0% | 87.9% | 80.3% | 81.9% | 82.5% |
| **Craigieburn** | 90.8% | 90.3% | 91.3% | 91.1% | 88.7% |
| **Cranbourne** | 88.5% | 84.8% | 83.9% | 85.8% | 84.9% |
| **Frankston** | 88.3% | 86.5% | 93.5% | 90.7% | 89.1% |
| **Glen Waverley** | 95.1% | 94.6% | 94.9% | 94.8% | 95.2% |
| **Hurstbridge** | 93.1% | 92.1% | 91.9% | 93.3% | 92.1% |
| **Lilydale** | 91.3% | 88.5% | 85.4% | 86.8% | 84.8% |
| **Pakenham** | 89.8% | 85.9% | 86.0% | 86.5% | 87.0% |
| **Sandringham** | 96.8% | 93.6% | 94.1% | 93.7% | 95.8% |
| **South Morang** | 95.8% | 96.0% | 94.8% | 95.2% | 94.0% |
| **Stony Point** | 96.1% | 92.7% | 94.4% | 87.8% | 87.7% |
| **Sunbury** | 92.4% | 88.8% | 91.3% | 91.6% | 90.8% |
| **Upfield** | 93.5% | 92.7% | 93.7% | 94.1% | 91.8% |
| **Werribee** | 93.2% | 89.4% | 91.0% | 93.0% | 91.0% |
| **Williamstown** | 94.6% | 92.0% | 94.3% | 94.7% | 93.0% |
| **Network Total** | 92.3% | 90.2% | 90.7% | 91.1% | 90.1% |

 **Table 3: Metropolitan train punctuality – percentage of off-peak services on-time at destination**

| **Line** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- |
| **Alamein** | 95.6% | 94.0% | 93.7% | 94.7% | 93.3% |
| **Belgrave** | 93.1% | 92.4% | 89.3% | 89.9% | 91.3% |
| **Craigieburn** | 92.2% | 92.7% | 93.3% | 93.5% | 91.9% |
| **Cranbourne** | 88.7% | 87.8% | 88.2% | 87.7% | 87.4% |
| **Frankston** | 89.1% | 89.7% | 94.6% | 92.2% | 88.9% |
| **Glen Waverley** | 96.4% | 97.2% | 97.7% | 97.9% | 96.7% |
| **Hurstbridge** | 95.7% | 93.4% | 94.6% | 94.5% | 93.4% |
| **Lilydale** | 94.0% | 91.7% | 90.9% | 92.4% | 90.6% |
| **Pakenham** | 88.6% | 86.5% | 86.5% | 87.5% | 86.0% |
| **Sandringham** | 95.5% | 94.1% | 95.8% | 95.3% | 96.5% |
| **South Morang** | 96.2% | 94.5% | 94.2% | 95.9% | 94.4% |
| **Stony Point** | 95.1% | 94.4% | 96.4% | 92.9% | 90.5% |
| **Sunbury** | 93.7% | 88.7% | 93.7% | 93.7% | 91.8% |
| **Upfield** | 93.5% | 93.4% | 94.8% | 95.1% | 93.1% |
| **Werribee** | 94.1% | 92.7% | 94.1% | 93.8% | 91.8% |
| **Williamstown** | 95.3% | 94.8% | 95.8% | 96.0% | 93.9% |
| **Network Total** | 93.4% | 92.2% | 93.3% | 93.4% | **92.0%** |

## Reliability

Metropolitan train reliability is measured as the percentage of the timetable that is delivered. Non-delivery of services includes cancellations, trains that run short and trains that bypass the City or Altona Loops.

Metropolitan tram reliability is based on the percentage of the timetable delivered. Non-delivery of services includes cancellations and trams that run short.

Metropolitan bus reliability is the percentage of services that operate and are completed.

Regional train reliability is measured as the percentage of scheduled services that are delivered.

Reliability measures do not include replacement services (i.e. replacement buses and coaches) which operated during the V/Line restoration period (January – June 2016).

**Table 4: Train and tram reliability – percentage of timetable delivered**

| **Mode** | **Measure** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr –Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- |
| Metropolitan trains | % timetable delivered | 98.8 | 98.3 | 98.8 | 98.8 | 98.6 |
| Metropolitan trams | % timetable delivered | 98.7 | 98.6 | 98.8 | 98.9 | 98.7 |
| V/Line trains | % services delivered | 97.4 | 92.5 | 98.1 | 98.3 | 97.9 |
| Metropolitan buses | % services delivered | >99.9 | >99.9 | >99.9 | >99.9 | >99.9 |

**Figure 2: Train, tram and bus reliability – percentage of timetable delivered**

## Quarterly City and Westona Loop Bypasses

**Table 5: Quarterly City and Westona Loop Bypasses**

| **Line** | **Q4 2015** | **Q1 2016** | **Q22016** | **Q32016** | **Q4 2016** | **Services scheduled to run through the loop Q4 2016** |
| --- | --- | --- | --- | --- | --- | --- |
| **Alamein** | 49 | 54 | 61 | 57 | 55 | 1,302 |
| **Belgrave** | 96 | 140 | 108 | 105 | 88 | 4,072 |
| **Craigieburn** | 36 | 26 | 18 | 16 | 43 | 6,338 |
| **Cranbourne** | 165 | 246 | 204 | 168 | 190 | 3,438 |
| **Frankston** | 153 | 157 | 107 | 125 | 123 | 3,847 |
| **Glen Waverley** | 51 | 55 | 41 | 43 | 63 | 3,841 |
| **Hurstbridge** | 17 | 35 | 11 | 39 | 15 | 5,993 |
| **Lilydale** | 151 | 195 | 166 | 173 | 156 | 6,878 |
| **Pakenham** | 215 | 247 | 204 | 165 | 194 | 6,379 |
| **Sandringham** | 34 | 33 | 24 | 21 | 16 | 1,304 |
| **South Morang** | 14 | 34 | 13 | 37 | 10 | 5,565 |
| **Sunbury** | 40 | 20 | 14 | 11 | 44 | 6,324 |
| **Upfield** | 22 | 20 | 12 | 11 | 31 | 4,696 |
| **Werribee (Delivered Bypassing City Loop)** | 14 | 6 | 7 | 10 | 5 | 6 |
| ***Werribee (Delivered Bypassing Westona Loop)*** | 110 | 79 | 72 | 86 | 111 | 8,506 |
| **Werribee (Delivered Bypassing Both Loops)** | – | 1 | – | 3 | – | 1,357 |
| **Grand Total** | 1,167 | 1,348 | 1,062 | 1,070 | 1,144 | 69,846 |

There were 1,033 bypasses of the City Loop this quarter, which is 1.7 per cent of the 61,340 services scheduled to run through the loop during this time.

There were 111 bypasses of the Westona Loop, which is 1.3 per cent of the 8,506 services scheduled to run through the loop during this time.

## Unplanned express services

**Table 6: Quarterly unplanned express services**

| **Measure** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- |
| **Total number of timetabled services** | 188,832 | 190,166 | 192,284 | 194,826 | 193,373 |
| **Number of express run services** | 75 | 107 | 46 | 18 | 5 |
| **Percentage of total services run as unplanned express** | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |

The percentage of services run as unplanned express over the December 2016 quarter was 0.003 per cent.

## 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 7: Service level thresholds for compensation (per cent)**

| **Measure** | **Threshold** | **Trains** | **Trams** | **V/Line** |
| --- | --- | --- | --- | --- |
| **Punctuality** | Arrival by 4 minutes, 59 seconds | 88 | 77 | - |
|  | Arrival by 5 minutes, 59 seconds | - | - | 92\* |
| **Reliability** | Percentage of timetable delivered | 98 | 98 | - |
|  | Percentage of services delivered | - | - | 96 |

\* For long distance V/Line 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**

Customer compensation was not paid for metropolitan trams this quarter.

**V/Line**

In October, passenger compensation was payable on all lines except Ararat & Maryborough, Geelong, Shepparton and Swan Hill & Echuca as punctuality was below the applicable threshold (92.0 per cent). Compensation was not payable for reliability on any line as performance was above the applicable threshold (96.0 per cent).

In November, passenger compensation was payable on all lines except Shepparton as punctuality was below the applicable threshold (92.0 per cent). Compensation was also payable for reliability on the Albury and Geelong corridors as performance was below the applicable threshold (96.0 per cent).

In December, passenger compensation was payable on all lines as punctuality was below the applicable threshold (92.0 per cent). Compensation was not payable on all lines for reliability as performance was above 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.

PTV requires that operators meet agreed performance targets. Penalties or incentives are paid depending on how operators perform against these targets.

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 bonus payments or incur penalties depending on whether the level of disruption is above or below agreed levels in the contracts.

**Table 8: Metropolitan train payments ($'000s)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Payment type** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| **Base contract** | 62,078 | 49,384 | 59,471 | 55,808 | 61,614 |
| **Incentive or penalty** | 3,457 | 110 | 2,127 | 2,588 | 3,514 |
| **Customer Experience Performance Regime** | 200 | 0 | 0 | 0 | 0 |
| **Revenue Reset Adjustment Payment** | 17,864 | 28,954 | 28,954 | 20,636 | 20,636 |
| **Maintenance and projects1** | 76,490 | 68,278 | 64,213 | 63,495 | 61,119 |
| **Rolling stock2** | 24,315 | 23,220 | 19,688 | 29,445 | 22,543 |
| **Operations and systems3** | 11,408 | 13,049 | 12,233 | 17,322 | 14,718 |
| **TOTAL** | 195,812 | 182,995 | 186,686 | 189,294 | 184,144 |

 1 Maintenance and projects combines maintenance and capital projects payments

2 Rolling stock payments include rolling stock adjustments and exams

3 Operations and systems include payments for business system upgrades, driver establishment, electricity, and employee entitlements

**Table 9: Metropolitan tram payments ($'000s)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Payment type** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| **Base contract** | 5,903 | 2,986 | 480 | 4,168 | 7,222 |
| **Incentive and penalty** | -1,560 | -576 | -1,256 | -600 | -1,708 |
| **Customer Experience Performance Regime** | 439 | 0 | 0 | 0 | 444 |
| **Revenue Reset Adjustment Payment** | 19,619 | 16,377 | 17,859 | 20,745 | 20,745 |
| **Maintenance and projects1** | 17,522 | 15,065 | 24,549 | 11,375 | 15,880 |
| **Rolling stock** | 8,767 | 8,767 | 8,767 | 8,767 | 8,429 |
| **Operations and systems2** | 4,692 | 3,772 | 3,104 | 3,213 | 8,511 |
| **TOTAL** | 55,383 | 46,391 | 53,503 | 47,668 | 59,523 |

1 Maintenance and projects combines maintenance and capital projects payments
2 Operations and systems payments include business system upgrades, electricity and employee entitlements

## V/Line

Regional coach payments are made to V/Line, which is a state-owned enterprise, however regional train payments and penalties have ceased following the signing of the V/Line services agreement.

**Table 10: Regional train and coach payments ($'000s)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Payment type** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| **Base contract** | 87,057 | 82,866 | 129,836 | 132,052 | 129,469 |
| **Regional Coaches** | 8,573 | 8,573 | 8,573 | 0 | 0 |
| **Farebox** | 20,919 | 21,671 | 21,508 | 22,698 | 23,299 |
| **Rolling stock** | 8,953 | 8,953 | 8,953 | 8,953 | 8,953 |
| **Total** | 125,502 | 122,063 | 168,870 | 163,703 | 161,721 |

## 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.

**Table 11: Metropolitan, regional and school bus payments ($'000s)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Payment type** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| **Metropolitan** | 146,536 | 144,751 | 146,975 | 150,621 | 151,528 |
| **Regional** | 27,332 | 28,951 | 29,114 | 28,880 | 29,541 |
| **School** | 56,214 | 37,287 | 56,113 | 57,306 | 57,318 |
| **Total** | 230,081 | 210,989 | 232,201 | 236,808 | 238,387 |

# Customer satisfaction

## Customer satisfaction

Overall satisfaction with metropolitan services decreased compared with last quarter, from 68.5 per cent down to 67.5 per cent. This was a significant decrease compared with the December 2015 quarter (69.6 per cent).

Overall satisfaction with **metropolitan trains** increased slightly compared with last quarter, from 71.7 per cent up to 72.6 per cent. This was a slight decrease compared to the December 2015 quarter (73.5 per cent).

Compared with last quarter, there was nevertheless a significant increase in satisfaction with metropolitan train stations (68.6 per cent up to 70.3 per cent).

Overall satisfaction with **metropolitan** **trams** increased significantly compared with last quarter, from 74.9 per cent up to 76.4 per cent. This was a slight decrease compared to December 2015 quarter (77.1 per cent).

Compared to last quarter, there were significant increases in satisfaction with information (74.1 per cent up to 75.7 per cent) and myki ticketing (62.6 per cent up to 65.5 per cent).

Overall satisfaction with **metropolitan buses** decreased slightly compared with last quarter, from 76.6 per cent down to 76.1 per cent. There was no change compared to the December 2015 quarter (76.1 per cent).

Overall customer satisfaction with **regional trains** decreased slightly compared with last quarter, from 75.8 per cent down to 75.0 per cent. This was a significant decrease compared to the December 2015 quarter (78.8 per cent).

Compared with last quarter, there was a significant decrease in customer satisfaction with V/Line ticketing (from 83.2 per cent down to 78.3 per cent).

Compared with the December 2016 quarter, there were significant decreases in satisfaction with price (from 79.8 per cent down to 76.0 per cent), service delivery (from 75.8 per cent down to 73.0 per cent), comfort (from 76.6 per cent down to 74.0 per cent), safety (from 81.1 per cent down to 77.4 per cent) and the likelihood of survey respondents to recommend regional trains (from 82.9 per cent down to 79.7 per cent).

Overall customer satisfaction with **regional coaches** decreased slightly compared with last quarter, from 80.8 per cent down to 79.5 per cent. This was a significant decrease compared to the December 2015 quarter (86.1 per cent).

Compared with the December 2015 quarter, there was a significant decrease in satisfaction with safety (from 87.6 down to 82.4).

## About customer satisfaction ratings

All results except overall metropolitan satisfaction (six-point scale) are reported in a 0-10 scale. Results prior to April 2009 were reported on a six-point scale.

## Overall satisfaction

**Table 12: Metropolitan public transport modes overall satisfaction**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Oct – Dec 2014** | **Jan – Mar 2015** | **Apr – Jun 2015** | **Jul – Sep 2015** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| 66.4 | 66.7 | 68.1 | 67.3 | 67.8 | 69.6 | 69.0 | 68.5 | 67.5 |

**Note:** These results are still presented in the six-point scale.

**Figure 3: Metropolitan public transport modes overall satisfaction**

 **Table 13a: Metropolitan trains individual overall satisfaction**

| **Mode** | **Oct – Dec 2014** | **Jan – Mar 2015** | **Apr – Jun 2015** | **Jul – Sep 2015** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016**  | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Metropolitan Trains** | 71.5 | 71.9 | 71.2 | 71.4 | 73.5 | 73.5 | 70.9 | 71.7 | 72.6 |

**Figure 4a: Metropolitan trains individual overall satisfaction**

**Table 13b: Metropolitan trams individual overall satisfaction**

| **Mode** | **Oct – Dec 2014** | **Jan – Mar 2015** | **Apr – Jun 2015** | **Jul – Sep 2015** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun****2016**  | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Metropolitan Trams** | 74.7 | 75.9 | 75.2 | 75.6 | 77.1 | 76.3 | 75.2 | 76.4 | 76.4 |

**Figure 4b: Metropolitan trams individual overall satisfaction**

**Table 13c: Metropolitan buses individual overall satisfaction**

| **Mode** | **Oct – Dec 2014** | **Jan – Mar 2015** | **Apr – Jun 2015** | **Jul – Sep 2015** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Metropolitan Buses** | 76.2 | 75.2 | 76.5 | 76.6 | 76.9 | 76.1 | 77.7 | 76.0 | 76.1 |

**Figure 4c: Metropolitan buses individual overall satisfaction**

## Metropolitan trains

**Figure 5a: Satisfaction with key service aspects for metropolitan trains**

**Table 14a: Satisfaction with key service aspects for metropolitan trains**

|  |  |  |
| --- | --- | --- |
| **Satisfaction indicator** | **Score** | **Significant change from previous quarter** |
| Staff service | 81.3 |  |
| Likelihood to recommend | 74.8 |  |
| Information | 74.3 |  |
| Service delivery | 73.5 |  |
| Stations/stops | 70.3 |  |
| Comfort | 69.6 |  |
| Safety | 69.0 |  |
| Price | 68.9 |  |
| Has been on trains where AOs check tickets | 68.7 |  |
| myki ticketing | 67.2 |  |
| **OVERALL SATISFACTION** | 72.6 |  |

## Metropolitan trams

**Figure 5b: Satisfaction with key service aspects for metropolitan trams**

**Table 14b: Satisfaction with key service aspects for metropolitan trams**

|  |  |  |
| --- | --- | --- |
| **Satisfaction indicator** | **Score** | **Significant change from previous quarter** |
| Likelihood to recommend | 79.4 |  |
| Staff service | 76.6 |  |
| Service delivery | 76.1 |  |
| Information | 75.7 | increase |
| Stations/stops | 75.5 |  |
| Safety | 75.0 |  |
| Comfort | 71.0 |  |
| Price | 69.6 |  |
| myki ticketing | 65.5 | increase |
| Has been on trams where AOs check tickets | 56.0 |  |
| **OVERALL SATISFACTION**  | **74.9** | increase |

## Metropolitan buses

**Figure 5c: Satisfaction with key service aspects for metropolitan buses**

**Table 14c: Satisfaction with key service aspects for metropolitan buses**

|  |  |  |
| --- | --- | --- |
| **Satisfaction indicator** | **Score** | **Significant change from previous quarter** |
| Staff service | 80.5 |  |
| Safety | 78.1 |  |
| Comfort | 77.4 |  |
| Likelihood to recommend | 75.5 |  |
| Stations/stops | 74.4 |  |
| Information | 72.7 |  |
| Price | 72.5 |  |
| Service delivery | 72.2 |  |
| myki ticketing | 70.6 |  |
| Has been on buses where AOs check tickets | 25.9 |  |
| **OVERALL SATISFACTION** | 76.1 |  |

## V/Line modes

**Table 15a: V/Line trains individual overall satisfaction**

| **Mode** | **Oct – Dec 2014** | **Jan – Mar 2015** | **Apr – Jun 2015** | **Jul – Sep 2015** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016**  | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **V/Line trains** | 75.4 | 75.7 | 76.9 | 76.2 | 78.8 | 73.8 | 74.5 | 75.8 | 75.0 |

**Table 15b: V/Line coaches individual overall satisfaction**

| **Mode** | **Oct – Dec 2014** | **Jan – Mar 2015** | **Apr – Jun 2015** | **Jul – Sep 2015** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **V/Line coaches** | 80.8 | 84.6 | 85.7 | 83.9 | 86.1 | 81.6 | 78.4 | 80.8 | 79.5 |

**Figure 6: V/Line individual overall satisfaction – trains and coaches**

## V/Line trains

**Figure 7a: Satisfaction with key service aspects for V/Line trains**

**Table 16a: Satisfaction with key service aspects for V/Line trains**

|  |  |  |
| --- | --- | --- |
| **Satisfaction indicator** | **Score** | **Significant change from previous quarter** |
| Staff service | 86.3 |  |
| Likelihood to recommend | 79.7 |  |
| V/Line ticketing | 78.3 | decrease |
| Safety | 77.4 |  |
| Information | 77.3 |  |
| Stations/stops | 76.4 |  |
| Price | 76.0 |  |
| myki ticketing | 74.6 |  |
| Comfort | 74.0 |  |
| Service delivery | 73.0 |  |
| **OVERALL SATISFACTION** | 75.0 |  |

## V/Line coaches

**Figure 7b: Satisfaction with key service aspects for V/Line coaches**

**Table 16b: Satisfaction with key service aspects for V/Line coaches**

|  |  |  |
| --- | --- | --- |
| **Satisfaction indicator** | **Score** | **Significant change from previous quarter** |
| Staff service | 86.2 |  |
| Price | 84.0 |  |
| Safety | 82.4 |  |
| Likelihood to recommend | 80.6 |  |
| Information | 80.2 |  |
| Comfort | 78.4 |  |
| Service delivery | 75.5 |  |
| V/Line ticketing | 75.0 |  |
| Stations/stops | 74.9 |  |
| **OVERALL SATISFACTION** | 79.5 |  |

# Travel behaviour and ticketing

## Travel behaviour

The proportion of non-users of public transport continues to remain stable in the December 2016 quarter with 12 per cent stating they hardly ever or never use public transport.

**Figure 8: Main purpose of trip on weekday and weekend**

**Table 17: Main purpose of trip on weekday and weekend**

|  | **Weekday (Oct – Dec 2016)** | **Weekend (Oct – Dec 2016)** |
| --- | --- | --- |
| **To get to / from work** | 36% | 5% |
| **To get to / from leisure activities** | 51% | 85% |
| **To get to / from place of study** | 6% | 1% |
| **To get errands / chores/ day to day tasks done** | 30% | 21% |
| **Something else** | 0% | 1% |

The most popular reason for using public transport on weekdays is for leisure purposes
(51 per cent), which continues to lead commuting to work (36 per cent).

Weekend travel continues to be dominated by leisure purposes (85 per cent).

## myki device availability

A private company, NTT Data Victorian Public Ticketing System Pty Ltd, is under contract to the Victorian Government to operate and maintain the myki ticketing system for Victoria’s public transport network.

Measurements included in the contract include targets to represent minimum levels of acceptable availability and performance, and specified levels of non-availability due to maintenance, servicing and breakdowns.

**Table 18: Month-by-month NTT Data Key Performance Indicator calculated availability (per cent)**

| **Equipment** | **Oct 2016** | **Nov 2016** | **Dec 2016** |
| --- | --- | --- | --- |
| **myki gate** | 99.9548% | 99.9693% | 99.9835% |
| **myki reader (mobile)** | 99.9951% | 99.9962% | 99.9902% |
| **myki reader (stationary)** | 99.9991% | 99.9905% | 99.9902% |

**Figure 9: Month-by-month NTT Data Performance Indicator calculated availability (per cent)**

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**Monitoring of ticketing equipment**

The status of ticketing equipment at railway stations is monitored via fixed communication. NTT Data therefore has accurate and up-to-date information on the availability of ticketing machines at railway stations and can promptly schedule repairs or servicing.

Mobile equipment on board trams and buses utilises wireless communications. Tram and bus operators are required to make vehicles with faulty equipment available to NTT Data for repairs and services. Measures and performance targets vary between modes.

# Fare evasion

Attitudes toward Authorised Officers

**Figure 10: Attitudes toward Authorised Officers (per cent)**

**Table 19: Detailed attitudes toward Authorised Officers**

| **Attitudes towards authorised officers** | **Oct – Dec 2015** | **Jan – Mar 2016** | **Apr – Jun 2016** | **Jul – Sep 2016** | **Oct – Dec 2016** |
| --- | --- | --- | --- | --- | --- |
| **Neutral** | 30% | 44% | 43% | 29% | 32% |
| **Pleased** | 27% | 18% | 18% | 23% | 22% |
| **More secure** | 22% | 18% | 23% | 30% | 29% |
| **Annoyed** | 6% | 5% | 5% | 6% | 5% |
| **Nervous** | 5% | 4% | 3% | 2% | 3% |
| **Harassed** | 3% | 4% | 2% | 3% | 2% |
| **Have not seen them** | 8% | 8% | 6% | 7% | 6% |
| **Sample size** | 400 | 400 | 400 | 400 | 400 |

Over half (51 per cent) of public transport users reported feeling positive towards Authorised Officers in the December 2016 quarter, down slightly from last quarter (53 per cent).

The decrease in overall positive feelings is driven by a decrease in those feeling ‘more secure’ (from 30 per cent last quarter to 29 per cent this quarter), and those feeling ‘pleased’ (from 23 per cent last quarter to 22 per cent this quarter.Customer service

## Website

PTV’s website provides journey planning, timetable, ticketing and marketing information for metropolitan Melbourne and regional Victoria. The PTV mobile phone apps for iPhones and Android handsets feature timetable and journey planning information.

**Table 20: Website performance**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Oct 2016** | **Nov 2016** | **Dec 2016** | **Quarter total** | **Quarter on quarter change\*** | **Year on year change\*** |
| **Visits** | 3.9m | 4.0m | 4.3m | 12.2m | +2% | +3% |
| **Visitors** | 1.8m | 2.0m | 2.2m | 5.2m\* | +12% | +20% |

\*The quarter total for unique visitors may be higher than the aggregate of the three months as a visitor may visit the website more than once during a month, but is only counted once in the quarter total.

The PTV website received 12.2 million visits from customers in the December quarter, up 3% year-on-year. Usage increased across the quarter, spiking in mid-December.

**Journey planner**

Customers planned some 36.2 million journeys using PTV’s journey planner across our website, mobile phone apps and call centre during the quarter. This is a 2% decrease on the previous quarter, and down 3% on the same period last year.

**News and service alterations**

The 2017 fare change was the most popular article during the quarter (83,000 views), with other popular topics including disruptions due to level crossing removal works and transport over Christmas and New Year.

**Mobile apps**

Customers used PTV’s mobile apps in 15.4 million sessions, up 4% on the previous quarter.

**Figure 11: Website visits**

**Source:** Google analytics

**Table 21: Website visits**

| **Month** | **Oct 2015** | **Nov 2015** | **Dec 2015** | **Jan 2016** | **Feb 2016** | **Mar 2016** | **Apr 2016** | **May 2016** | **Jun 2016** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Visitors | 1,655,989 | 1,755,162 | 1,845,806 | 1,964,263 | 1,938,322 | 1,997,612 | 1,805,532 | 1,688,493 | 1,779,346 |
| Visits | 3,746,178 | 3,978,079 | 4,162,017 | 4,334,701 | 4,446,234 | 4,686,265 | 4,131,197 | 3,824,990 | 3,887,248 |

| **Month** | **Jul 2016** | **Aug 2016** | **Sep 2016** | **Oct 2016** | **Nov 2016** | **Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- |
| Visitors | 1,785,687 | 1,906,603 | 1,825,140 | 1,834,919 | 1,992,894 | 2,228,901 |
| Visits | 3,946,087 | 4,117,388 | 3,908,743 | 3,850,042 | 4,020,020 | 4,336,537 |

## 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**

| **Measure** | **Oct 2016** | **Nov 2016** | **Dec 2016** | **Quarter Total** | **Quarter on quarter change** | **Year on year change** |
| --- | --- | --- | --- | --- | --- | --- |
| Calls received | 100,380 | 99,164 | 113,444 | 312,988 | +5.8% | -1.1% |

Call volumes increased 5.8 per cent this quarter and decreased 1.1 per cent against the same period last year.

**Figure 12: Call Volumes and Grade of Service (per cent)**

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

| **Calls** | **Oct 2015** | **Nov 2015** | **Dec 2015** | **Jan 2016** | **Feb 2016** | **Mar 2016** | **Apr 2016** | **May 2016** | **Jun 2016** | **Jul 2016** | **Aug 2016** | **Sep 2016** | **Oct 2016** | **Nov 2016** | **Dec 2016** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| offered | 102,118 | 97,817 | 116,578 | 111,141 | 98,741 | 114,426 | 104,273 | 97,020 | 99,067 | 97,550 | 95,861 | 101,457 | 100,380 | 99,164 | 113,444 |
| answered | 96,532 | 92,969 | 112,044 | 130356 | 128492 | 126178 | 100,926 | 94,239 | 96,002 | 93,895 | 92,332 | 97,800 | 96,557 | 95,049 | 108,283 |
| GOS% | 72% | 76% | 80% | 74% | 51% | 80% | 82% | 85% | 82% | 79% | 81% | 81% | 82% | 80% | 78% |

The Grade of Service target of 80 per cent of calls answered within 30 seconds was met in October (82 per cent) and November
(80 per cent), but not met in December (78 per cent).

# Industry-wide feedback

## About industry feedback

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

## Stakeholder share

During the December quarter, stakeholders reported receiving 22,817 cases (excluding special needs booking requests); this was a 12 per cent increase on the previous quarter, and yet down by 9 per cent year-on-year.

PTV received 4,313 primary cases during the quarter; a 12 per cent increase on the previous quarter, and a decrease of 9 per cent year-on-year.

**Figure 13: Resolve – Stakeholder share**

**Table 24: Resolve – Stakeholder share**

| **Operator** | **Total number of cases** | **Share of all cases** | **Quarter-on-quarter change** | **Year-on-year change** |
| --- | --- | --- | --- | --- |
| Metro Trains | 5,670 | 25% | -2% | 3% |
| Yarra Trams | 3,049 | 13% | 0% | -18% |
| Bus | 6,950 | 30% | 25% | 28% |
| V/Line | 2,835 | 12% | 19% | 2% |
| Public Transport Victoria | 4,313 | 19% | 17% | 8% |
| **Total** | 22,817 | 100% | 12% | 6% |

\* Special needs booking requests have been removed Types of feedback

**Figure 14: Types of feedback**

 **Table 25: Types of feedback**

| **Feedback type** | **Percentage** |
| --- | --- |
| Complaint | 79.3% |
| Compliment | 3.5% |
| Enquiry | 6.4% |
| Suggestion | 2.1% |
| Others | 8.6% |

## Industry feedback

**Figure 15: Top five feedback issues across the industry**

**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 industry**

| **Issue** | **Percentage** |
| --- | --- |
| Service delivery | 28.3% |
| Infrastructure | 20.5% |
| Provision of information | 16.4% |
| Staff | 16.0% |
| Ticketing and policy | 7.3% |

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

**Table 27: Breakdown of top industry issue\***

| **Issue** | **Percentage** |
| --- | --- |
| Delayed | 25.2% |
| Service Disruption | 13.4% |
| Service Change Needed | 12.0% |
| Cancellation | 11.4% |
| System Improvement | 7.7% |

 **\*Top industry feedback issue:** Service delivery – 28.3 per cent of cases

**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 34 per cent of PTV cases.

Mobile Products accounted for 50 of the feedback received under Provision of information.

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

* Train Real time
* Accuracy
* Future Enhancement

Service delivery accounted for 20 per cent of all PTV Cases. Requests include:

* System improvement
* Service change needed
* Modal coordination

Some 1.86 per cent of cases received during the quarter were compliments. The top compliments were Staff and Provision of information (accounting for 59 per cent of compliments).

* 77 per cent of the compliments from Staff related to Call Centre
* 62 per cent of the compliments from Provision of information related to Mobile Products

**Figure 16: 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 | 33.9% |
| Service delivery | 20.5% |
| Ticketing and policy | 18.8% |
| Infrastructure | 16.8% |
| Staff | 7.7% |

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

**Table 29: Breakdown of top PTV issue\***

|  |  |
| --- | --- |
| **Issue** | **Percentage** |
| Mobile Products | 50.3% |
| Timetable | 17.4% |
| Website | 10.6% |
| Journey Planner | 6.7% |
| Information Request | 4.6% |

 **\*Top PTV issue:** Provision of Information: 28.6 per cent of cases

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