



## Medical Training Survey

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### Interactive data dashboard – User guide

#### About the survey

The Medical Training Survey (MTS) is designed as a quality improvement tool, to strengthen post-graduate medical training in Australia. The survey covers a range of elements and these are reflected in the reports:

- Training curriculum
- Orientation
- Assessment
- Clinical supervision
- Access to teaching
- Facilities
- Workplace environment and culture
- Patient safety
- Overall satisfaction
- Future career intentions, and
- Impact of COVID-19 on training (for 2020 dataset)

Demographic and other profiling information has been collected so results can be filtered and compared.

Further information about the survey methodology is contained the national report, accessible on the [Reports and results](#) section of this website.

#### Interpretation/small sample sizes

In the 2020 survey, n=21,851 responses were received, with n=20,915 responses eligible for analysis (i.e. currently training in Australia). Of these, 17,038 doctors in training completed more than 75% of the survey questions.

A sample size of 17,038 gives a maximum margin of error  $\pm 0.7$  at a 95% confidence level for questions which were asked of all doctors in training. For some questions, the margin of error may be higher or lower, depending on the number of respondents to that question. A maximum margin of error  $\pm 0.7$  at a 95% confidence level means, for example, that if a survey result is 50%, we can be

sure that if we repeat the survey multiple times, 95% of these times the survey result will be between 50.7% and 49.3%, thus the survey has a statistically reliable sample.

Survey data are unweighted.

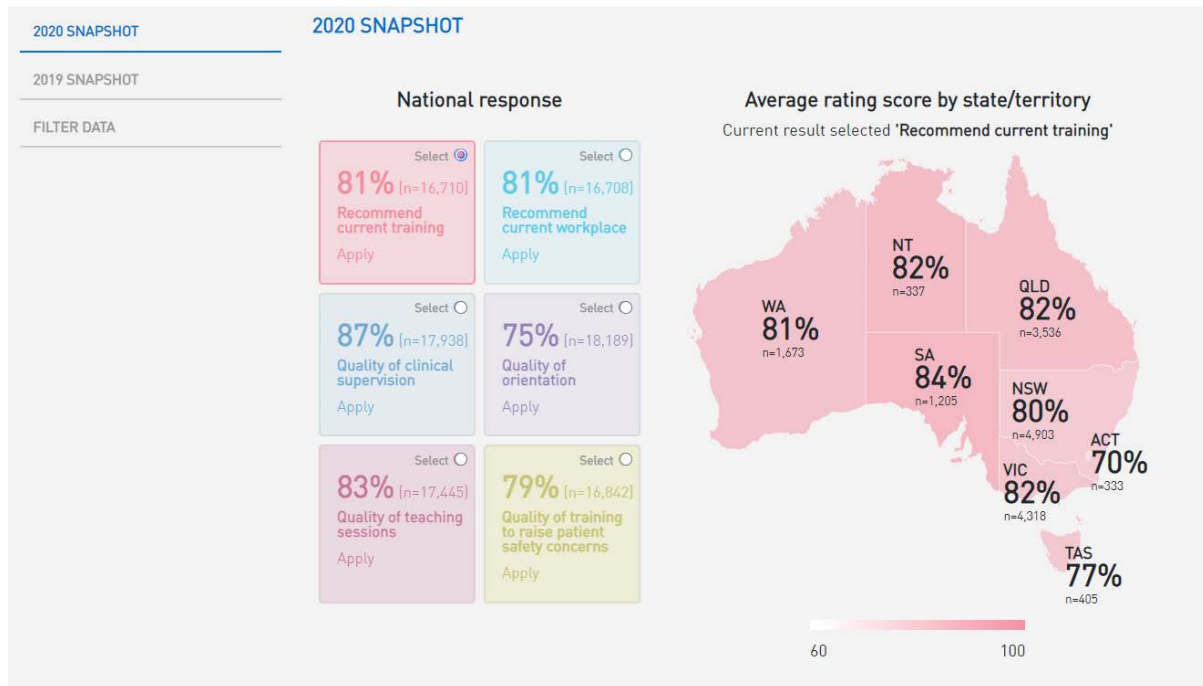
Please note that results are suppressed where the base size (the number of eligible respondents answering a question) is less than 10 – this is to preserve anonymity. Care should be taken in interpreting the data across groups where samples sizes are less than 30.

### **Purpose of the interactive data dashboard**

The interactive data dashboard was designed so users can cut and view the data to reflect their particular interests. There are two parts to the dashboard; the overall snapshot, and the ability to tailor and create your own reports using the MTS results.

## Dashboard

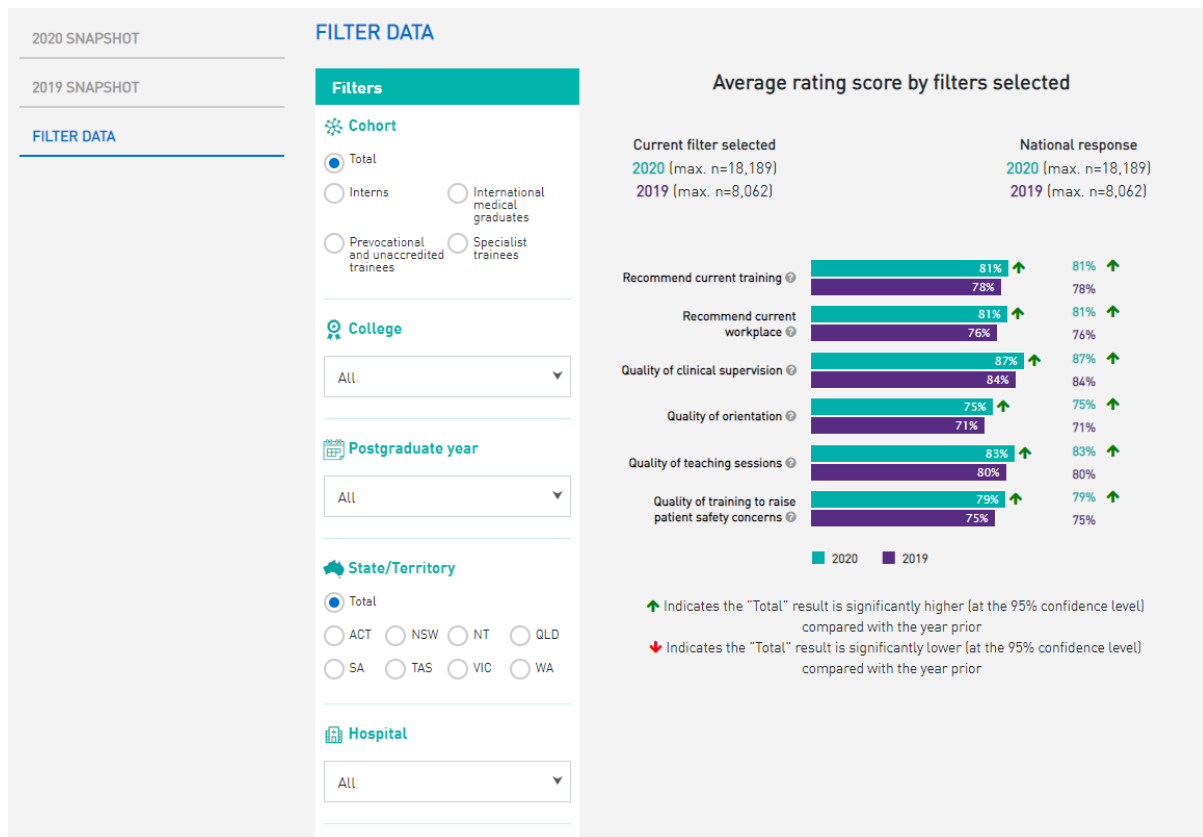
### Snapshot



The snapshot provides a high-level snapshot of the MTS results for the selected year. In this instance, you can compare the state/territory to the national response by selecting one of the following survey questions:

1. Recommend current training
2. Recommend current workplace
3. Quality of clinical supervision
4. Quality of orientation
5. Quality of teaching sessions
6. Quality of training to raise patient safety concerns

## Filter data



The filter data functionality enables you to compare responses from a cohort, postgraduate year, state/territory, hospital and/or region with the national response.

Select the required filter option then click *Apply* to display the results. Select up to one option in each filter category. The filters selected will be displayed below the chart produced.

## Create your own report

To create your own report, select 'Create your own report' under the 'Results' menu.

### Create a filtered report

The screenshot displays the 'Results' section of the dashboard, specifically the 'ORIENTATION' category. The left sidebar contains a 'Customise' panel with various filter options. The main content area shows a bar chart for question Q27a, comparing responses for 2019 and 2020 across three categories: 'Yes, a formal orientation', 'Yes, but it was largely informal', and 'No'. The chart shows a significant increase in 'Yes, a formal orientation' from 20% in 2019 to 31% in 2020. Callouts point to various UI elements: 'Choose between a chart or table display', 'Choose between trends or single year', 'Select '+' symbol to expand to view filters', 'Check one or more options from drop-down lists', 'Select '+' symbol to expand topics to view questions', 'Shows filtered base size', 'Shows previously applied filters', and 'Select 'Apply' to update the report'.

**Customise Panel:**

- Display as: Chart (selected), Table
- Data series: Trends (selected), Single year
- Advanced filters: Doctor in training cohort (Provocational and unaccredited tr), State/Territory (ACT), Hospital (All), Region (All), Postgraduate Year (All), Employment (All), Role (All), Current rotation/terms/placement (All), Identified as (All), Age (All)
- Buttons: Reset, Apply

**Results Panel:**

- TRAINING CURRICULUM
- ORIENTATION (Expanded)
- Q27a. Did you receive an orientation to your setting?
- Bar chart showing results for 2019 (n=52) and 2020 (n=93)
- Legend: 2019 (n=52), 2020 (n=93)
- Your selection: Doctor in training cohort: Provocational and unaccredited trainees, State/Territory: ACT
- Q27b. How would you rate the quality of your orientation?
- ASSESSMENT
- CLINICAL SUPERVISION
- ACCESS TO TEACHING
- FACILITIES
- WORKPLACE ENVIRONMENT AND CULTURE

### Example test cases using filtered report functionality

1. *Interns* comparing 2019 and 2020 dataset - chart format

To create this report using the filters:

Step 1: Select *chart* option in 'Display as' tab

Step 2: Select *interns* under the 'Doctor in training cohort' filter

Step 3: Select *Trend* in the 'Data series' tab

Step 4: Click on the 'Apply' button

2. *Specialist trainees who are PGY3 – 2020 dataset* - table format

To create this report using the filters:

Step 1: Select *table* option in 'Display as' tab

Step 2: Select *Specialist trainees* in 'Doctor in training cohort' filter

Step 3: Select *PGY3* in 'Postgraduate Year' filter

Step 4: Select *Single year* in the 'Data series' tab

Step 5: Select *2020* in the 'Data series' filter in 'Advanced filters' section

Step 6: Click on 'Apply' button

## Create a report with comparisons

## Example test case using comparison functionality

1. *NSW specialist trainees* compared with *Victorian specialist trainees* compared to national response for 2020 dataset- table format

To create this report:

Step 1: Choose *Single year*

Step 2: Select the *table* option in the '*Display as*' tab

Step 3: Select *Specialist trainees* in the *0*section under the '*Doctor in training cohort*' filter

Step 4: Select *State/Territory* → *NSW* under the '*Comparison 1*' tab

Step 5: Select *State/Territory* → *Vic* under the '*Comparison 2*' tab

Step 6: Click on the '*Apply*' button

2. *Female trainees* compared with *male trainees* - chart format

To create this report:

Step 1: Select the *chart* option in the '*Display as*' tab

Step 2: Select *Identified as* → *Female* under the '*Comparison 1*' tab

Step 3: Select *Identified as* → *Male* under the '*Comparison 2*' tab

Step 4: Click on the '*Apply*' button