

**PUBLICATIONS AND  
PRODUCTS FROM**



# **Safety Climate Tool (SCT)**

Benchmarking report

August 2023



# Introduction

The Safety Climate Tool benchmarking report supplements the all-industry benchmarking data available in the online system's auto-report, which compares your organisation's score with the all-industry data. Therefore, it provides you with data you need to measure your organisation's results against those in similar industries. The data used to develop this report is based on all organisations results from 2014 to August 2023.

## Why benchmarking is important

Benchmarking is a way of discovering what is the best performance being achieved. This information can then be used to identify gaps in an organisation's SCT results to achieve a competitive advantage.

It is important to note that just focusing on your organisation's lowest scoring factor may not be the best approach to improve safety culture. The comparison of your organisation's scores against industry data can identify performance gaps and focus areas. This comparison can help to obtain support from the executive leadership team to drive change and deliver improvements. With the issues many industries are experiencing with retaining and attracting workers, improve the health and safety for workers can only help an organisation succeed.

# Contents

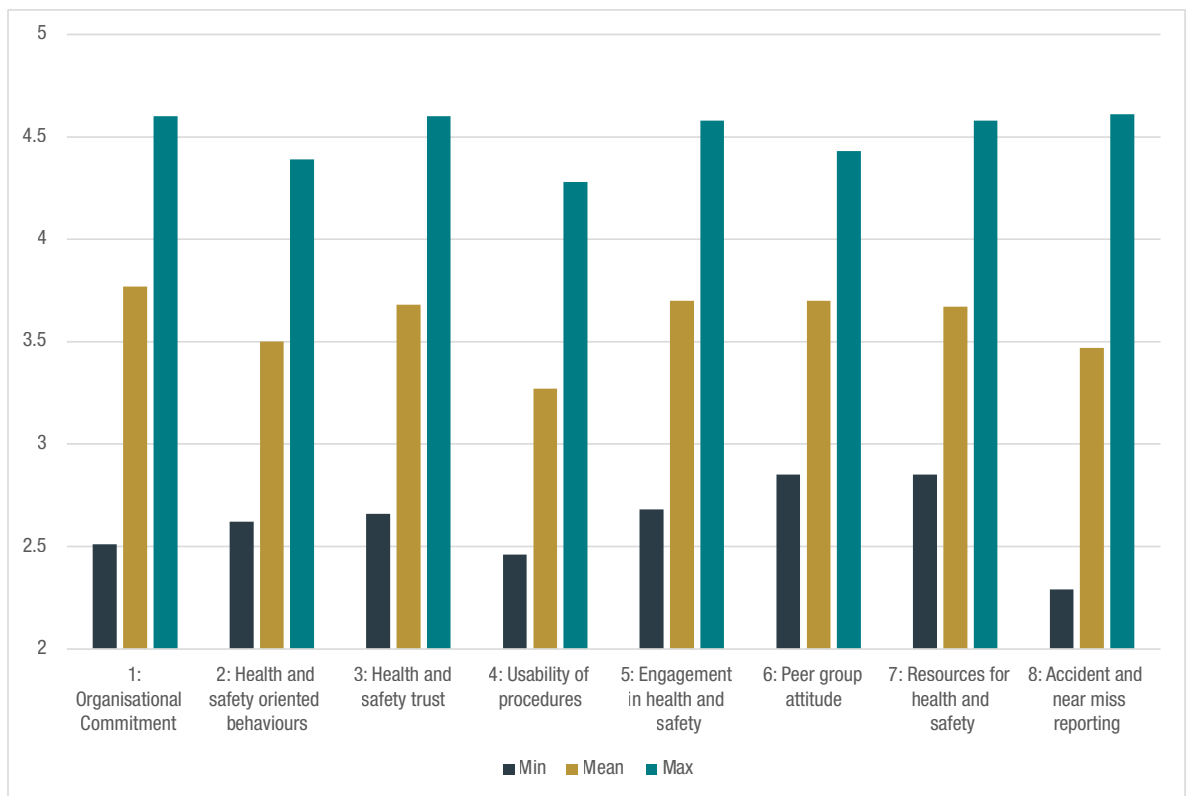
The SCT measures the attitudes and perceptions of the workforce about health and safety against eight safety climate factors. The report includes

<b>Industry sector comparisons .....</b>	<b>4</b>
<b>Comparison of “all industry” benchmarking .....</b>	<b>5</b>
Benchmarking over time .....	6
<b>Industry specific benchmarking .....</b>	<b>7</b>
<b>Chemicals and pharmaceuticals .....</b>	<b>7</b>
<b>Construction .....</b>	<b>8</b>
Construction (trends over time) .....	9
<b>Education.....</b>	<b>10</b>
<b>Emergency services .....</b>	<b>11</b>
<b>Energy .....</b>	<b>12</b>
Energy (trends over time) .....	13
Coal/Gas/Oil/Petrol .....	14
Electricity.....	15
Nuclear.....	16
Renewables .....	17
<b>Engineering .....</b>	<b>18</b>
Civil.....	19
Manufacturing.....	20
<b>Food and drink manufacturing.....</b>	<b>21</b>
Food.....	22
Drink.....	23
<b>Manufacturing .....</b>	<b>24</b>
Manufacturing (trends over time).....	25
<b>Maritime .....</b>	<b>26</b>
<b>Professional, scientific, and technical .....</b>	<b>27</b>
<b>Public sector.....</b>	<b>28</b>
<b>Real estate &amp; facilities management .....</b>	<b>29</b>
<b>Transportation .....</b>	<b>30</b>
<b>Warehousing and distribution .....</b>	<b>31</b>
<b>Waste management .....</b>	<b>32</b>
<b>Water (utilities) .....</b>	<b>33</b>

# Industry sector comparisons

The “all industry” comparison group comprises 343,353 individual respondents across 674 organisational assessments, up until the end of August 2023.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.51	2.62	2.66	2.46	2.68	2.85	2.85	2.29
Mean	3.77	3.50	3.68	3.27	3.70	3.70	3.67	3.47
Max	4.60	4.39	4.60	4.28	4.58	4.43	4.58	4.61



## Comparison of “all industry” benchmarking

A comparison of “all industry” benchmarking reports for October 2019, May 2021, August 2022 and August 2023.

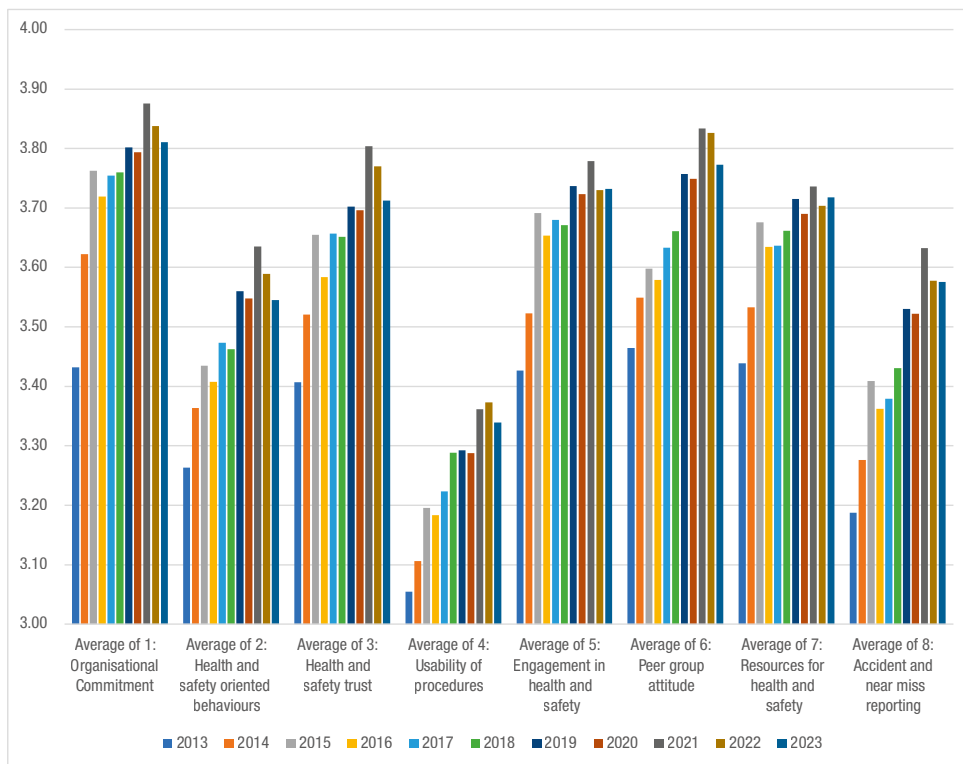
	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting	Number of Respondents	Number of Assessments
October 2019	3.65	3.42	3.54	3.15	3.57	3.63	3.54	3.35	167500	130
May 2021	3.74	3.54	3.65	3.25	3.67	3.76	3.65	3.50	60048	74
August 2022	3.74	3.52	3.66	3.27	3.66	3.73	3.64	3.46	305301	453
August 2023	3.77	3.50	3.68	3.27	3.70	3.70	3.67	3.47	343353	674

- October 2019: the “all industry” comparison group comprises 167,500 individual respondents across 130 organisations, with the latest result for each organisation in the previous five years.
- May 2021: the “all industry” comparison group comprises 60,048 individual respondents across 74 organisations, with the latest result for each organisation in the previous two years.
- August 2022: the “all industry” comparison group comprises 305,301 individual respondents across 453 assessments, taking all results in the system back to 2014 to show historical trends.
- August 2023: the “all industry” comparison group comprises 343,353 individual respondents across 674 assessments, taking all results in the system back to 2014 to show historical trends.

### Benchmarking over time

Due to the impacts of the pandemic, customers have asked for data pre, during and post pandemic to identify if there was an impact on safety culture. The below table and graph show the data by each year.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
2013	3.43	3.26	3.41	3.05	3.43	3.46	3.44	3.19
2014	3.62	3.36	3.52	3.11	3.52	3.55	3.53	3.28
2015	3.76	3.43	3.65	3.20	3.69	3.60	3.68	3.41
2016	3.72	3.41	3.58	3.18	3.65	3.58	3.63	3.36
2017	3.75	3.47	3.66	3.22	3.68	3.63	3.64	3.38
2018	3.76	3.46	3.65	3.29	3.67	3.66	3.66	3.43
2019	3.80	3.56	3.70	3.29	3.74	3.76	3.72	3.53
2020	3.79	3.55	3.70	3.29	3.72	3.75	3.69	3.52
2021	3.88	3.64	3.80	3.36	3.78	3.83	3.74	3.63
2022	3.84	3.59	3.77	3.37	3.73	3.83	3.70	3.58
2023	3.81	3.55	3.71	3.34	3.73	3.77	3.72	3.58



The combined data from all organisations using SCT shows that there has been a general improvement of scores, with a slight drop off in 2022, and a further drop off in 2023 (this could be due to only having partial data for the 2023).

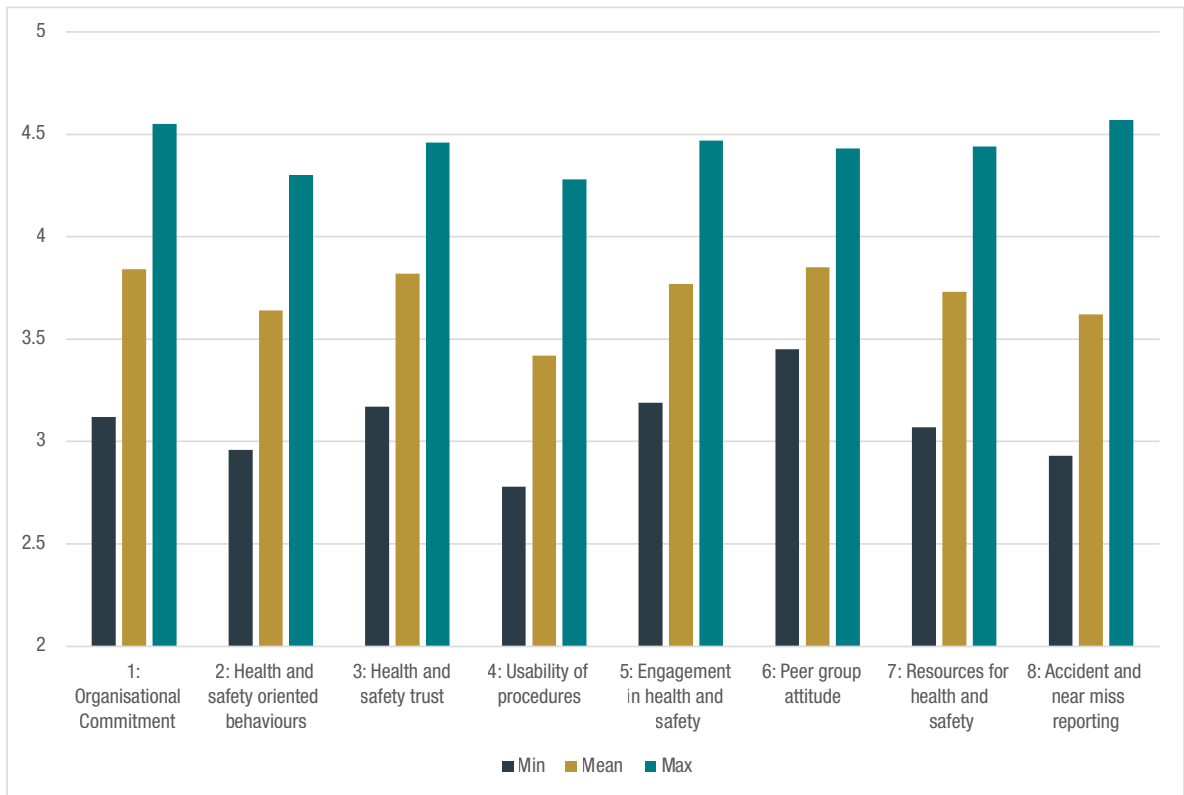
# Industry specific benchmarking



## Chemicals and pharmaceuticals

The chemicals and pharmaceuticals comparison group comprises 35,545 individual respondents across 43 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.12	2.96	3.17	2.78	3.19	3.45	3.07	2.93
Mean	3.84	3.64	3.82	3.42	3.77	3.85	3.73	3.62
Max	4.55	4.30	4.46	4.28	4.47	4.43	4.44	4.57

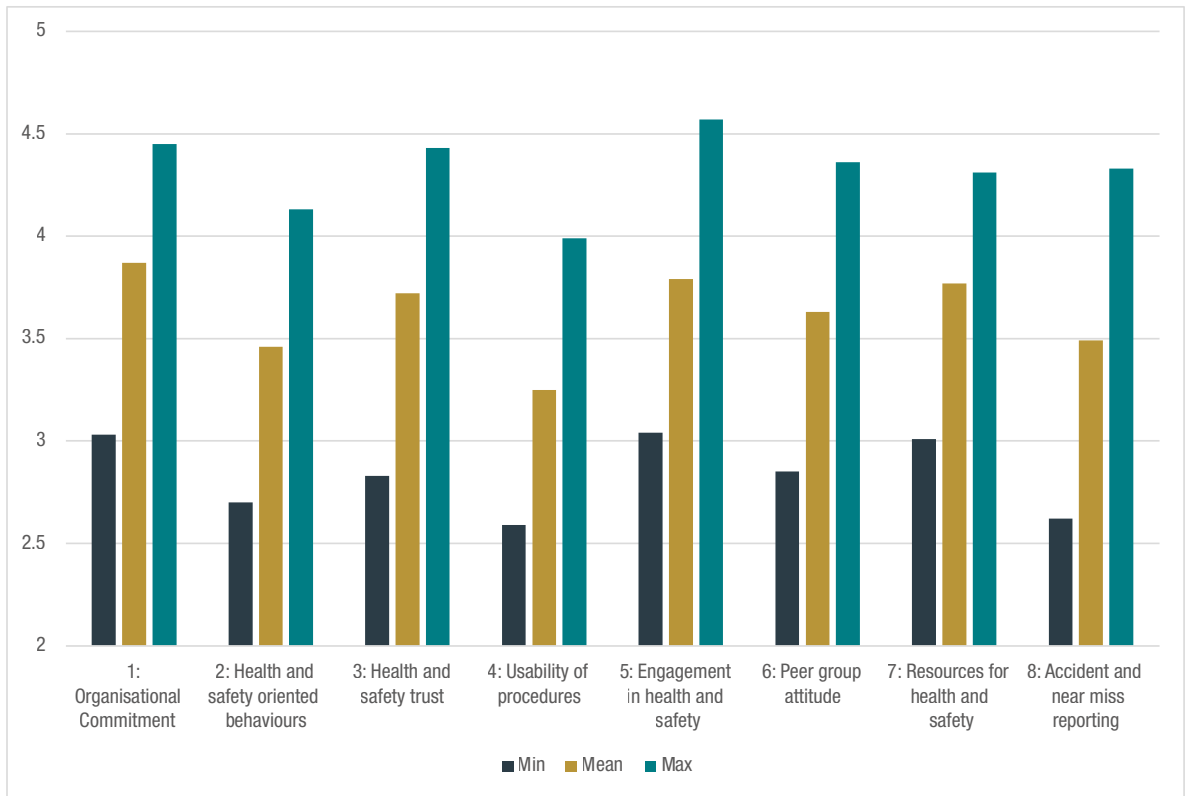




# Construction

The construction comparison group comprises 38,102 individual respondents across 219 organisational assessments.

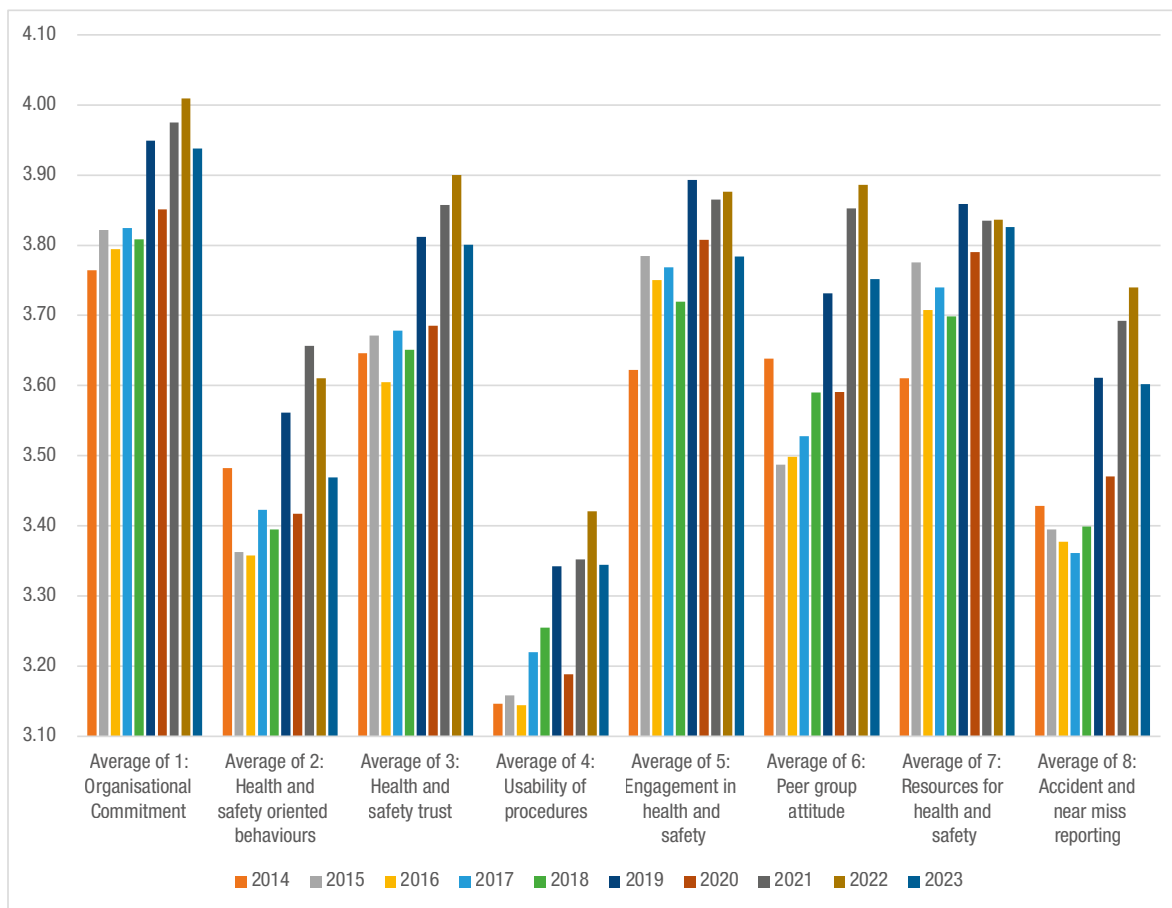
	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.03	2.70	2.83	2.59	3.04	2.85	3.01	2.62
Mean	3.87	3.46	3.72	3.25	3.79	3.63	3.77	3.49
Max	4.45	4.13	4.43	3.99	4.57	4.36	4.31	4.33





### Construction (trends over time)

Within the construction industry we can breakdown the mean scores by year to highlight trends over time.

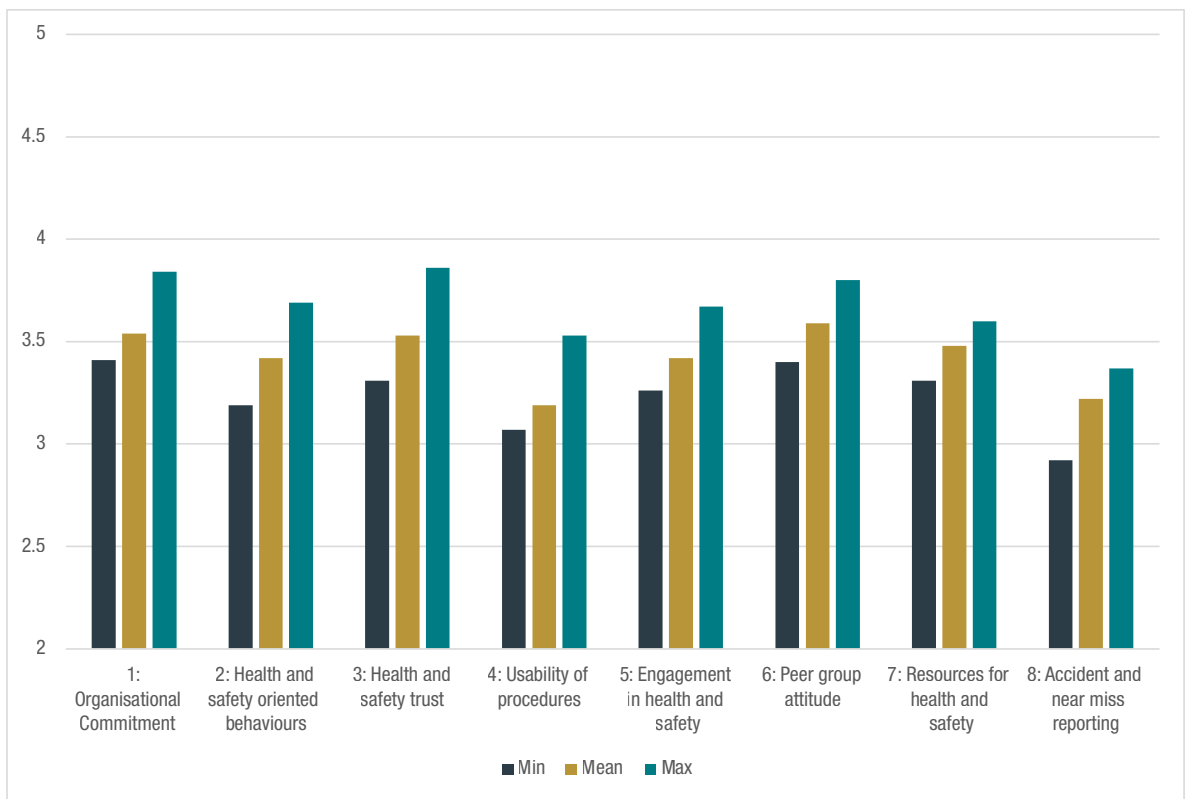




## Education

The education comparison group comprises 5,355 individual respondents across 7 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.41	3.19	3.31	3.07	3.26	3.40	3.31	2.92
Mean	3.54	3.42	3.53	3.19	3.42	3.59	3.48	3.22
Max	3.84	3.69	3.86	3.53	3.67	3.80	3.60	3.37

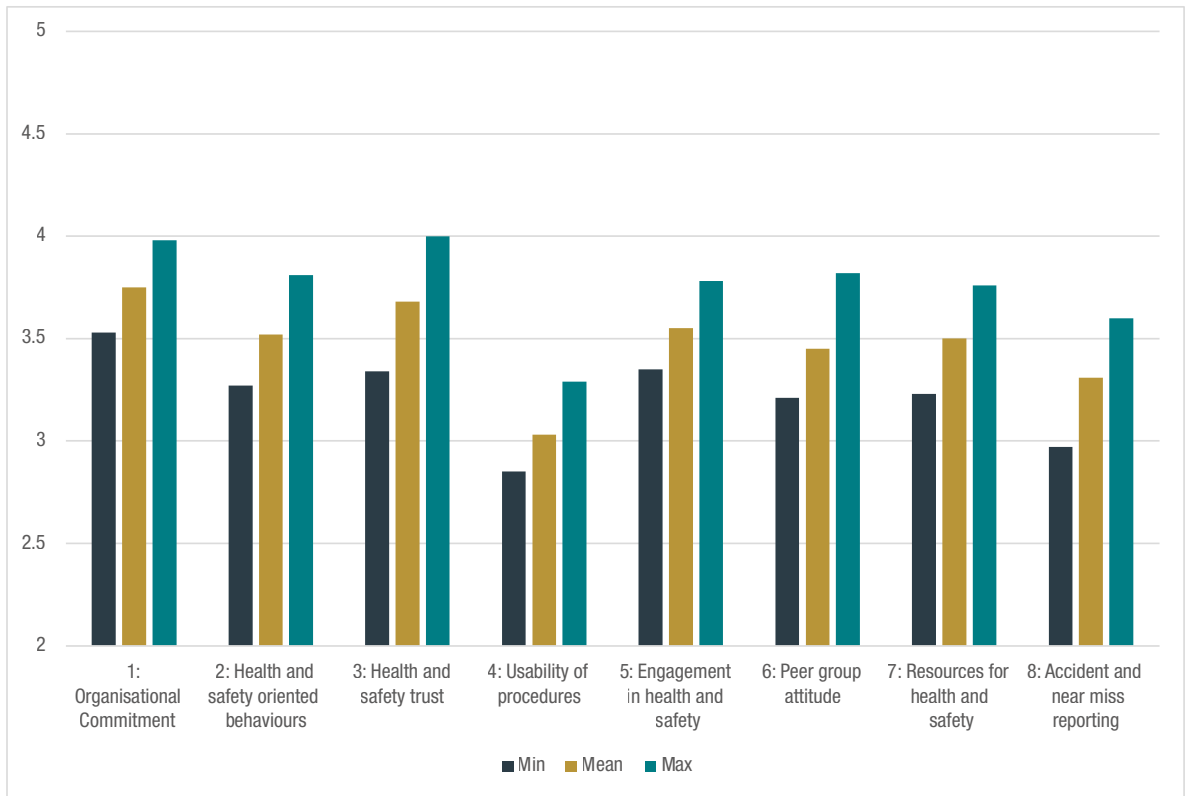




## Emergency services

The emergency services comparison group comprises 2,934 individual respondents across 5 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.53	3.27	3.34	2.85	3.35	3.21	3.23	2.97
Mean	3.75	3.52	3.68	3.03	3.55	3.45	3.50	3.31
Max	3.98	3.81	4.00	3.29	3.78	3.82	3.76	3.60

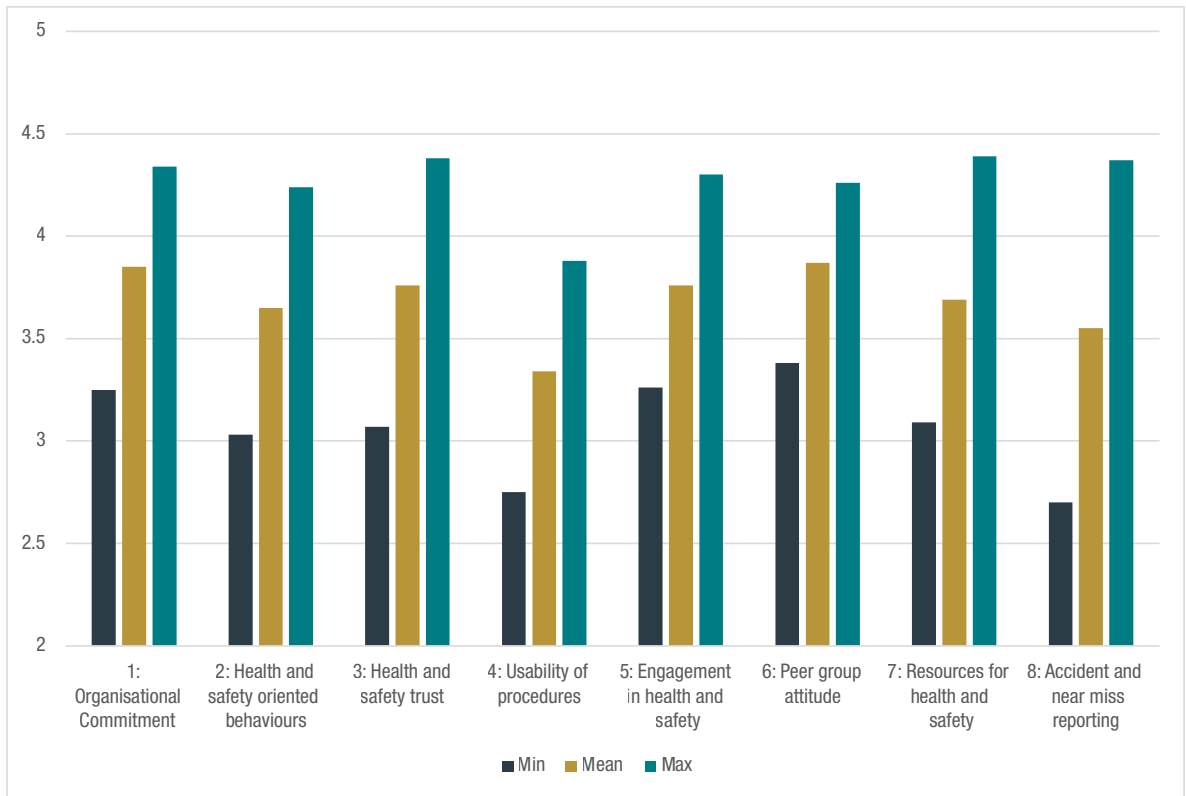




# Energy

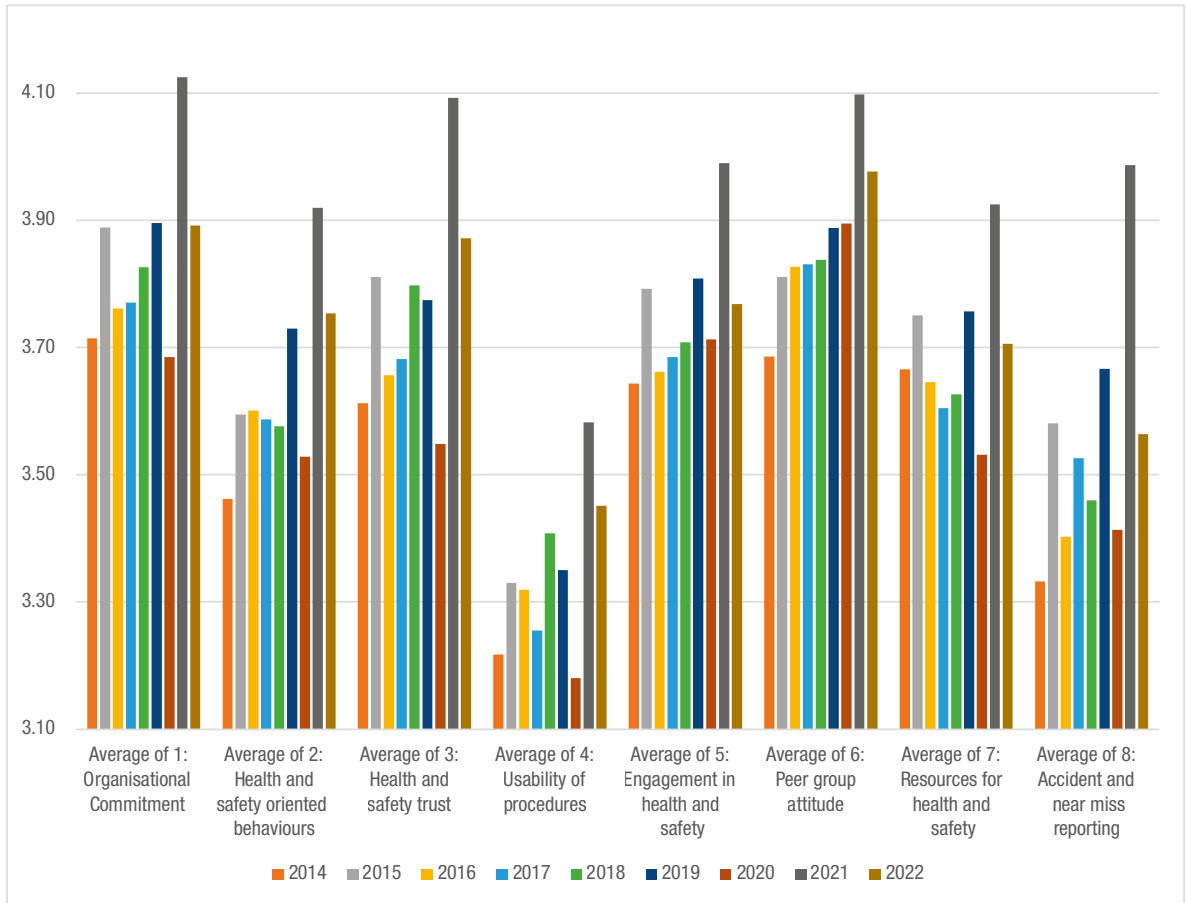
The energy comparison group comprises 61,666 individual respondents across 76 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.25	3.03	3.07	2.75	3.26	3.38	3.09	2.70
Mean	3.85	3.65	3.76	3.34	3.76	3.87	3.69	3.55
Max	4.34	4.24	4.38	3.88	4.30	4.26	4.39	4.37



### Energy (trends over time)

Within the energy sector we can breakdown the mean scores by year to highlight trends over time.



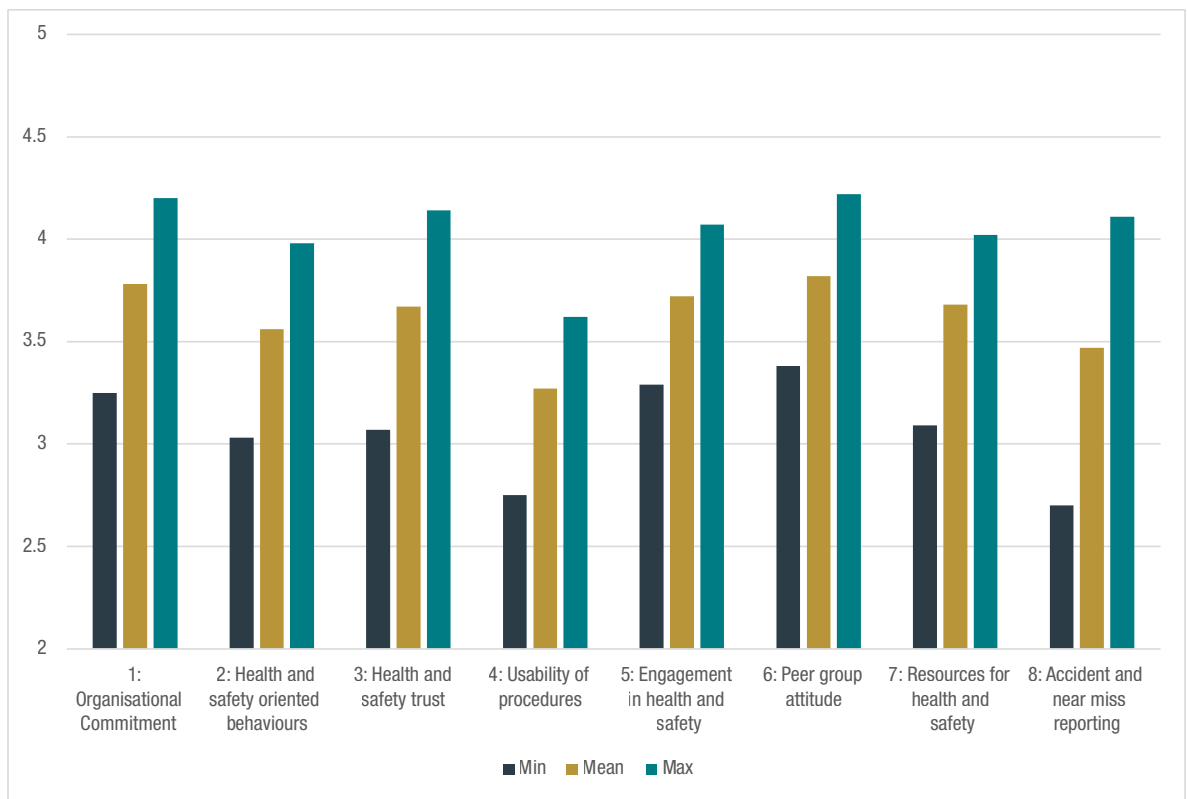
Within the energy sector we can breakdown the mean scores into more specific sectors:

- Coal/gas/oil/petrol
- Electricity
- Nuclear
- Renewable

### Coal/Gas/Oil/Petrol

This group comprises 19,000 individual respondents across 26 organisational assessments.

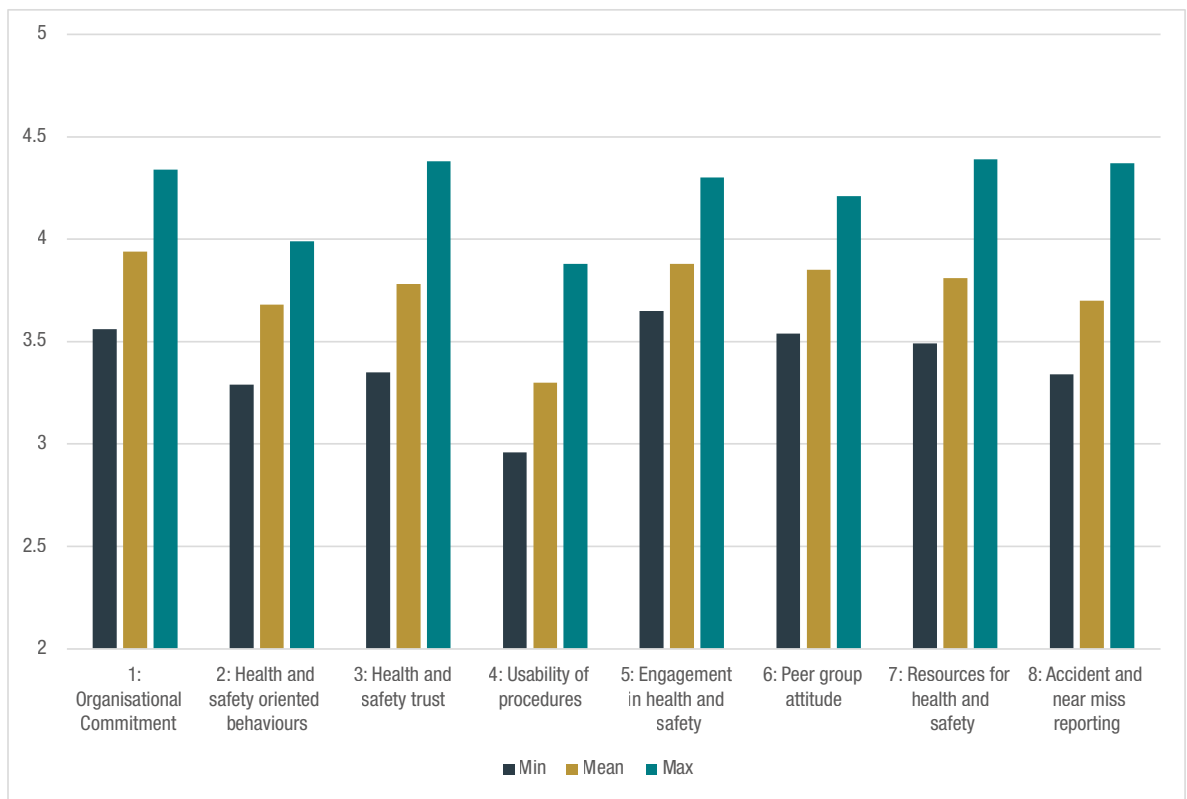
	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.25	3.03	3.07	2.75	3.29	3.38	3.09	2.70
Mean	3.78	3.56	3.67	3.27	3.72	3.82	3.68	3.47
Max	4.20	3.98	4.14	3.62	4.07	4.22	4.02	4.11



## Electricity

This group comprises 15,674 individual respondents across 11 organisational assessments.

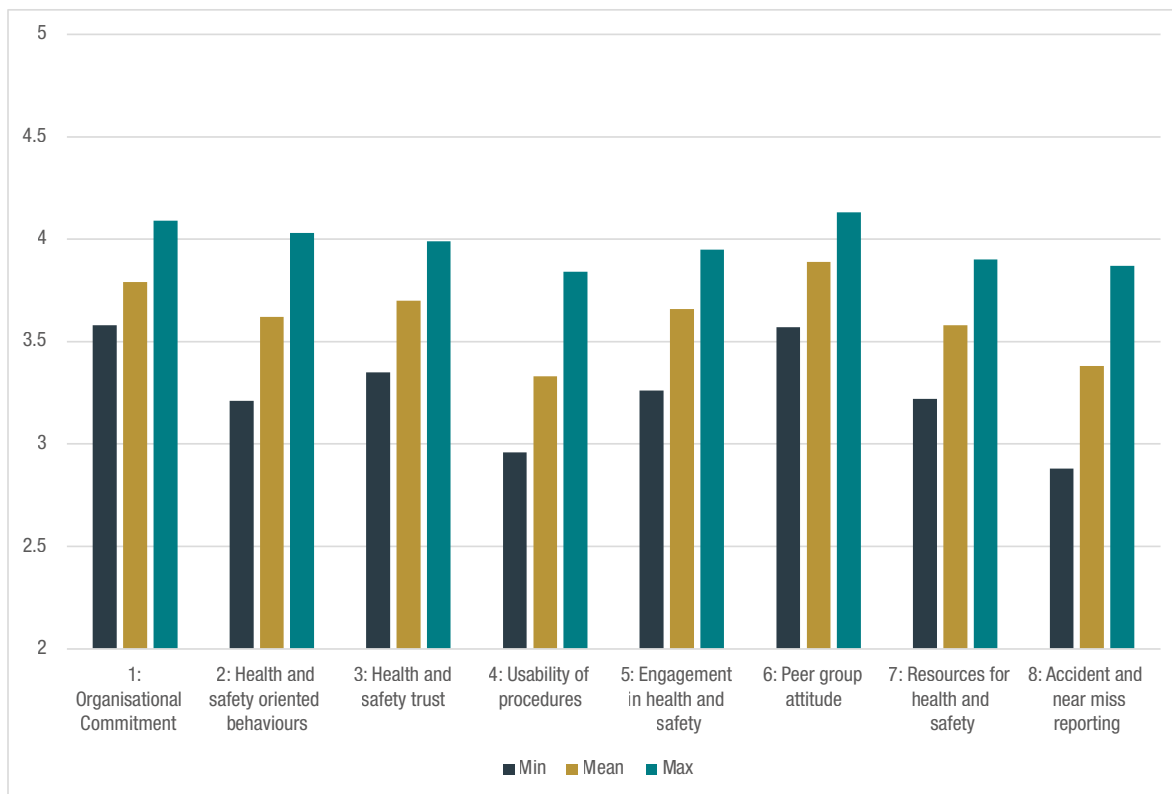
	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.56	3.29	3.35	2.96	3.65	3.54	3.49	3.34
Mean	3.94	3.68	3.78	3.30	3.88	3.85	3.81	3.70
Max	4.34	3.99	4.38	3.88	4.30	4.21	4.39	4.37



## Nuclear

This group comprises 21,189 individual respondents across 19 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.58	3.21	3.35	2.96	3.26	3.57	3.22	2.88
Mean	3.79	3.62	3.70	3.33	3.66	3.89	3.58	3.38
Max	4.09	4.03	3.99	3.84	3.95	4.13	3.90	3.87

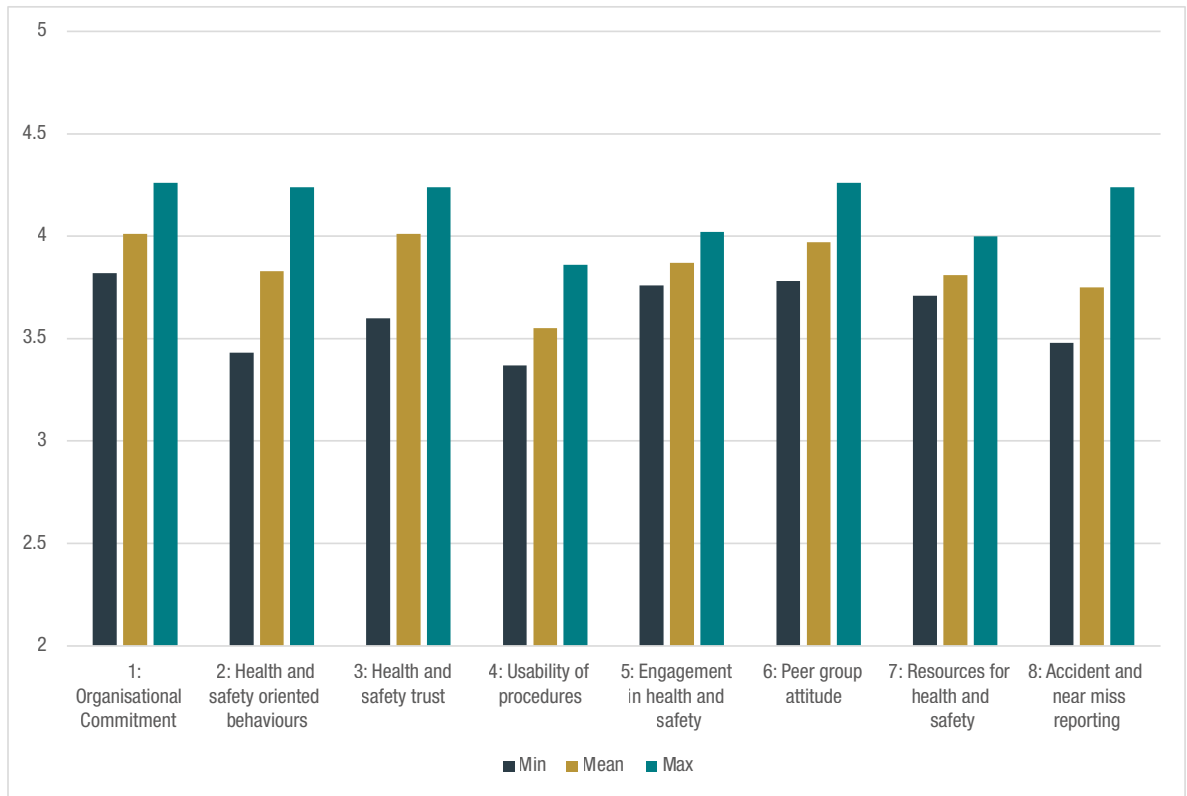




## Renewables

This group comprises 4,008 individual respondents across 12 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.82	3.43	3.60	3.37	3.76	3.78	3.71	3.48
Mean	4.01	3.83	4.01	3.55	3.87	3.97	3.81	3.75
Max	4.26	4.24	4.24	3.86	4.02	4.26	4.00	4.24

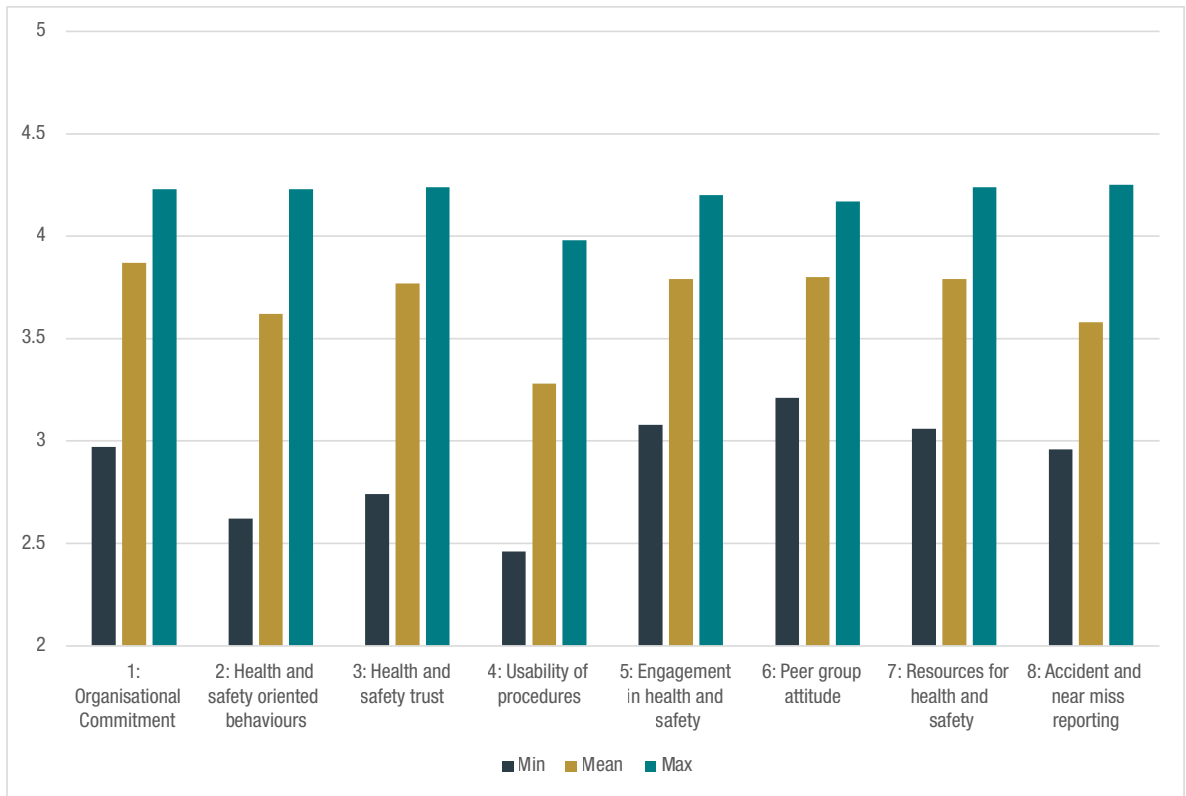




# Engineering

The engineering comparison group comprises 9,915 individual respondents across 41 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.97	2.62	2.74	2.46	3.08	3.21	3.06	2.96
Mean	3.87	3.62	3.77	3.28	3.79	3.80	3.79	3.58
Max	4.23	4.23	4.24	3.98	4.20	4.17	4.24	4.25



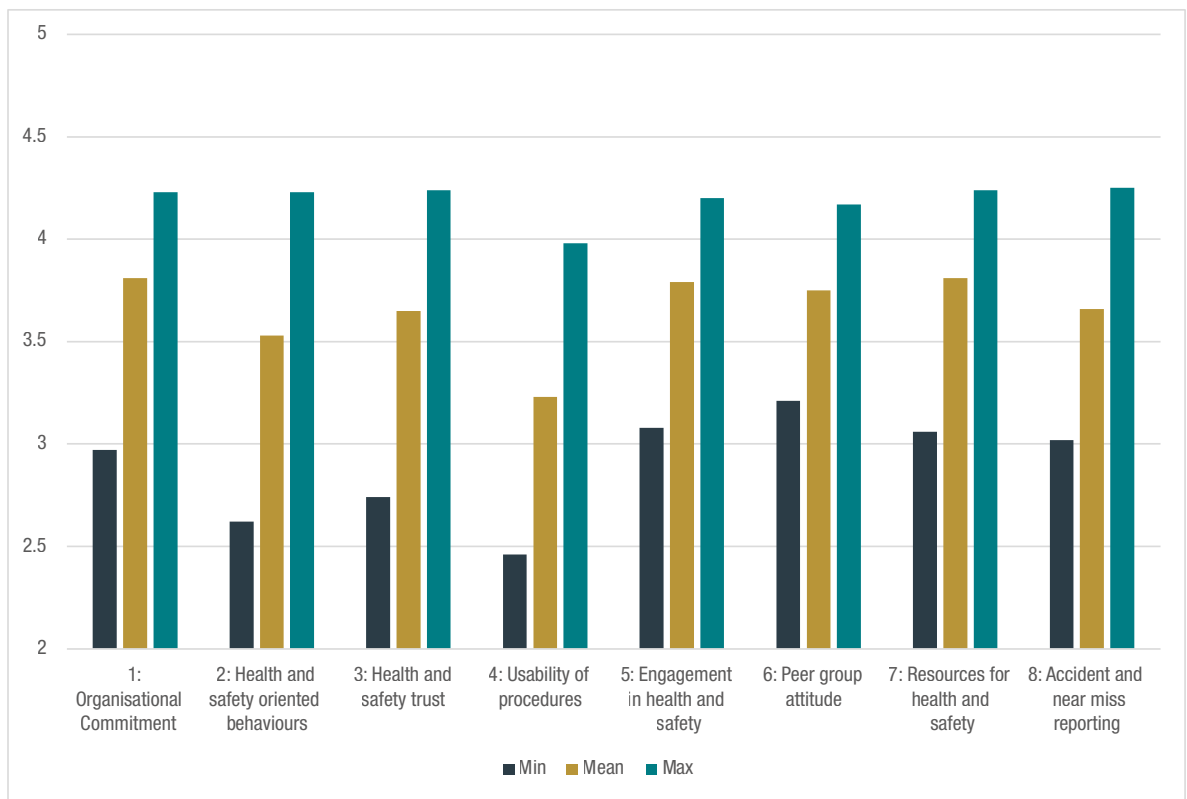
Within the engineering sector we can breakdown the mean scores into more specific sectors:

- Civil
- Manufacturing

## Civil

This group comprises 4,505 individual respondents across 20 organisational assessments.

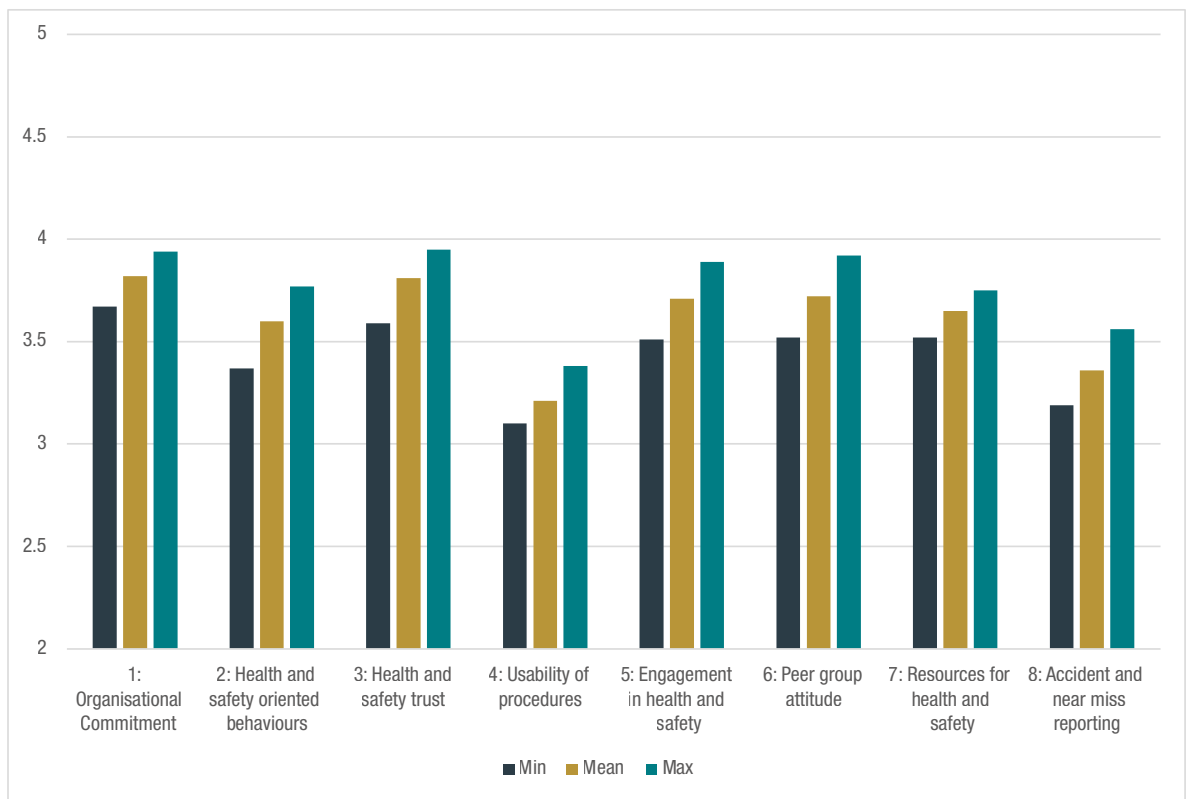
	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.97	2.62	2.74	2.46	3.08	3.21	3.06	3.02
Mean	3.81	3.53	3.65	3.23	3.79	3.75	3.81	3.66
Max	4.23	4.23	4.24	3.98	4.20	4.17	4.24	4.25



## Manufacturing

This group comprises 2,698 individual respondents across 8 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.67	3.37	3.59	3.10	3.51	3.52	3.52	3.19
Mean	3.82	3.60	3.81	3.21	3.71	3.72	3.65	3.36
Max	3.94	3.77	3.95	3.38	3.89	3.92	3.75	3.56

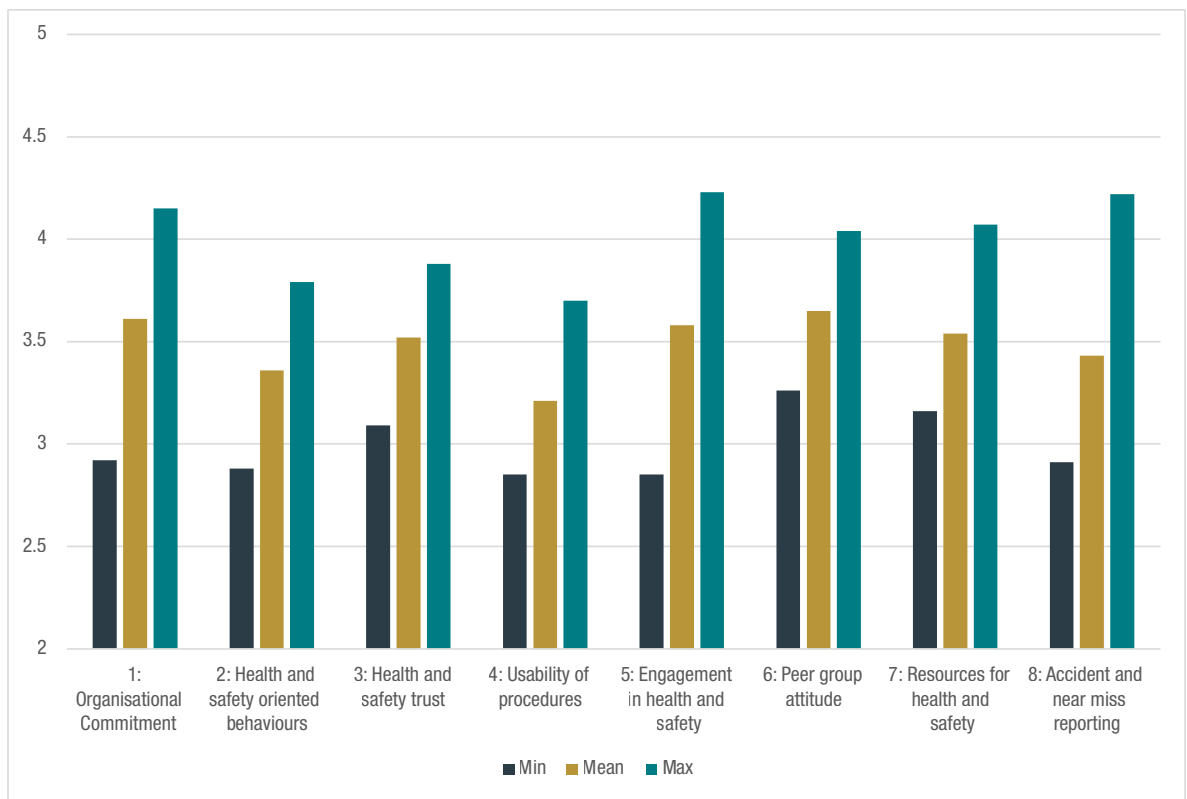




## Food and drink

The food and drink comparison group comprises 287,552 individual respondents across 25 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.92	2.88	3.09	2.85	2.85	3.26	3.16	2.91
Mean	3.61	3.36	3.52	3.21	3.58	3.65	3.54	3.43
Max	4.15	3.79	3.88	3.70	4.23	4.04	4.07	4.22



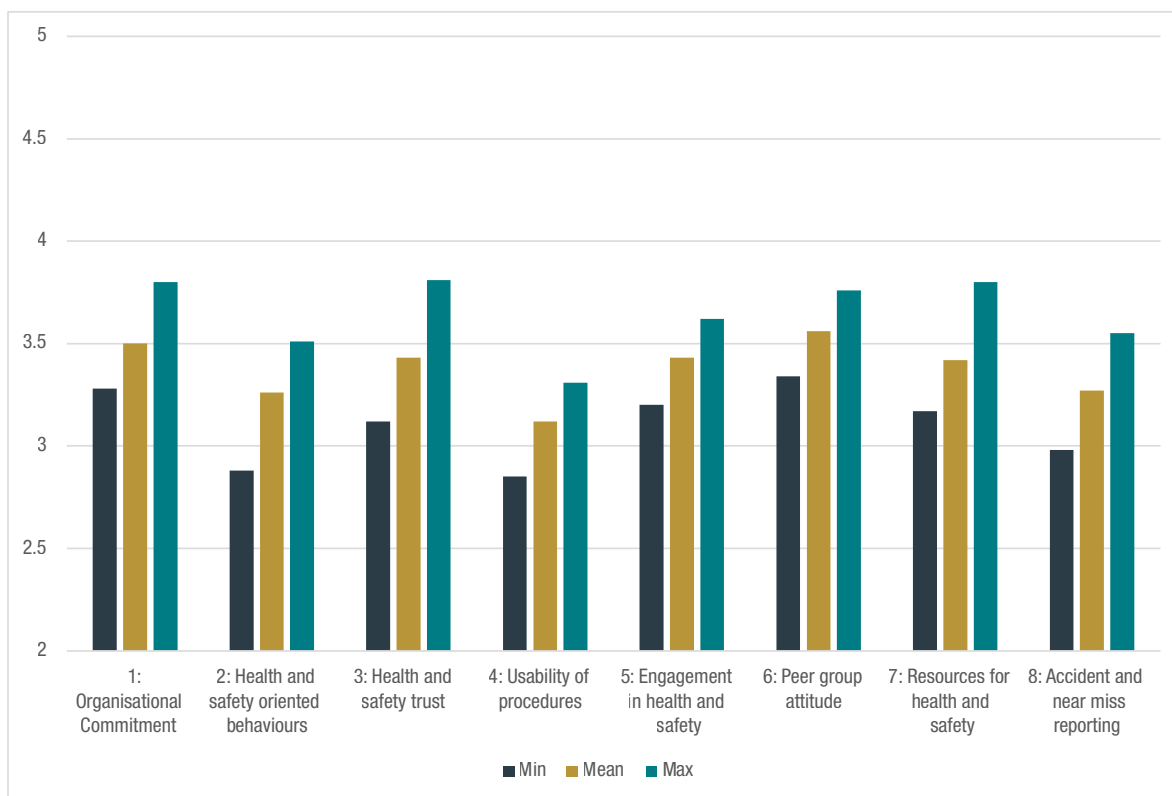
Within the food and drink sector we can breakdown the mean scores into more specific sectors:

- Food manufacturing
- Drink manufacturing

## Food

This group comprises 6,894 individual respondents across 13 organisational assessments.

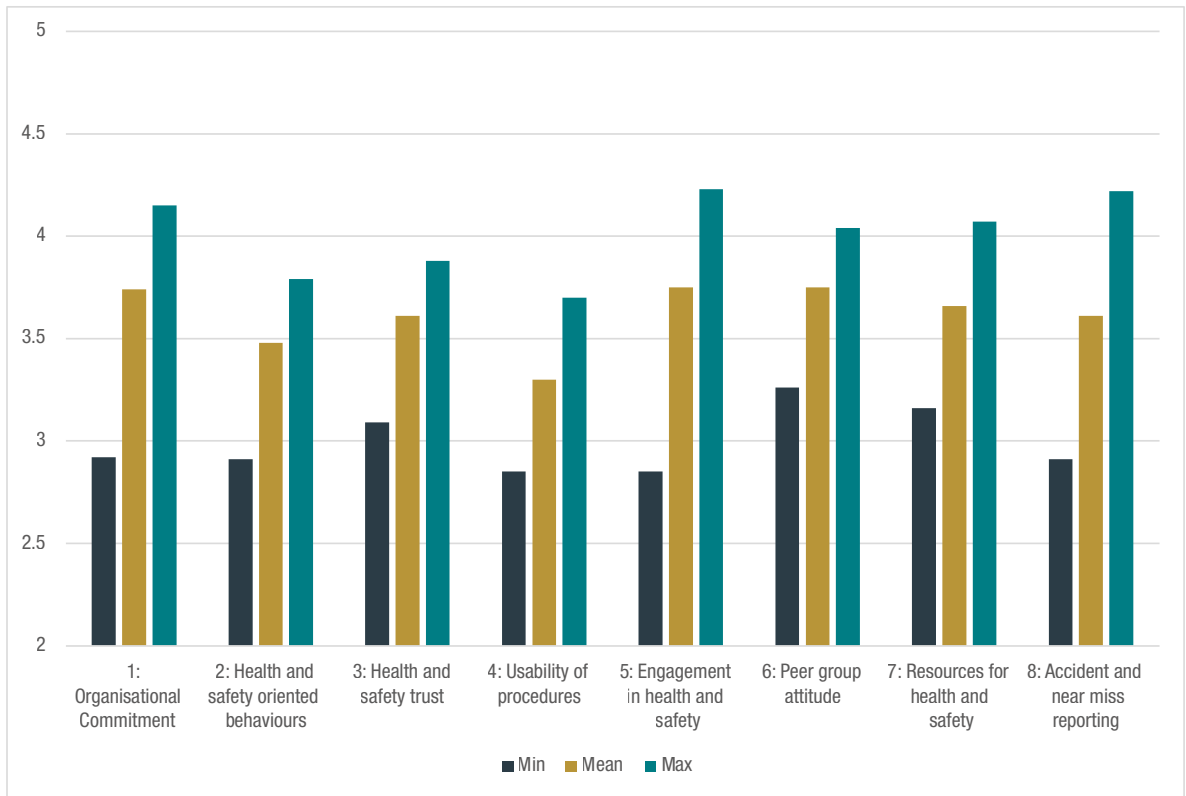
	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.28	2.88	3.12	2.85	3.20	3.34	3.17	2.98
Mean	3.50	3.26	3.43	3.12	3.43	3.56	3.42	3.27
Max	3.80	3.51	3.81	3.31	3.62	3.76	3.80	3.55



## Drink

This group comprises 21,658 individual respondents across 12 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.92	2.91	3.09	2.85	2.85	3.26	3.16	2.91
Mean	3.74	3.48	3.61	3.30	3.75	3.75	3.66	3.61
Max	4.15	3.79	3.88	3.70	4.23	4.04	4.07	4.22

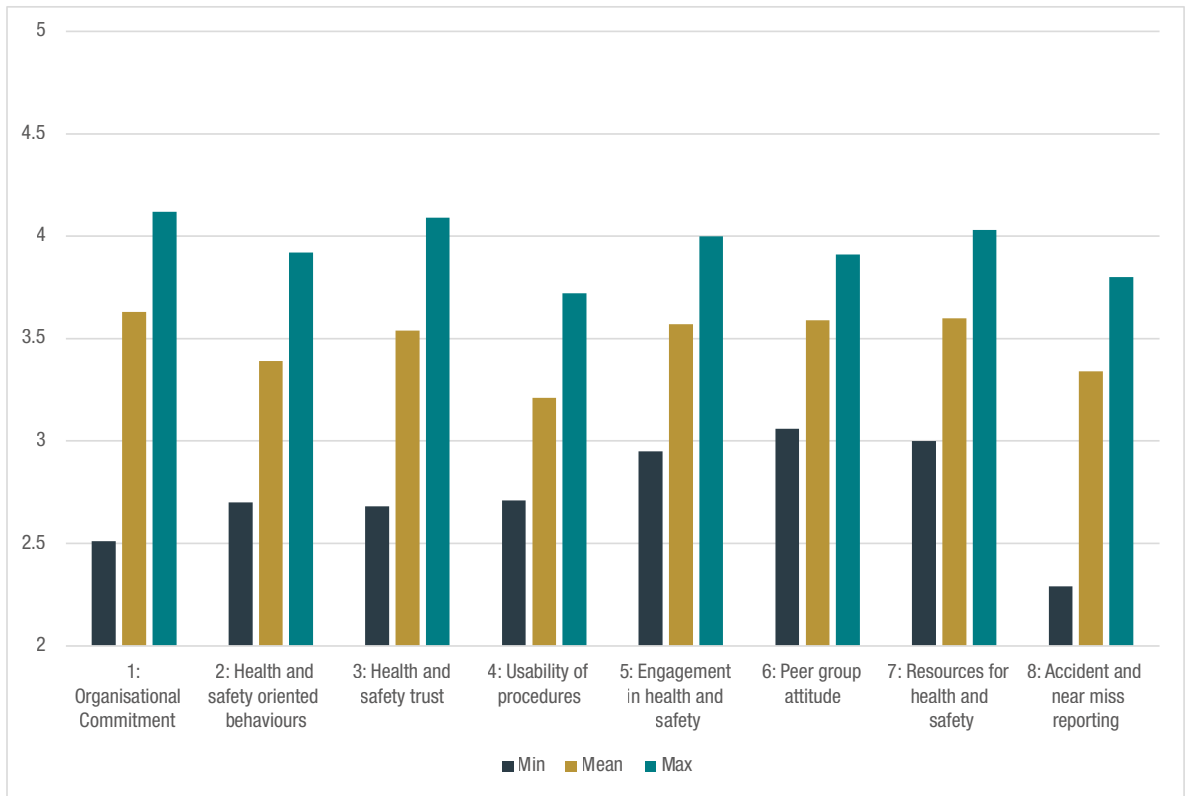




# Manufacturing

The manufacturing comparison group comprises 57,537 individual respondents across 69 organisational assessments.

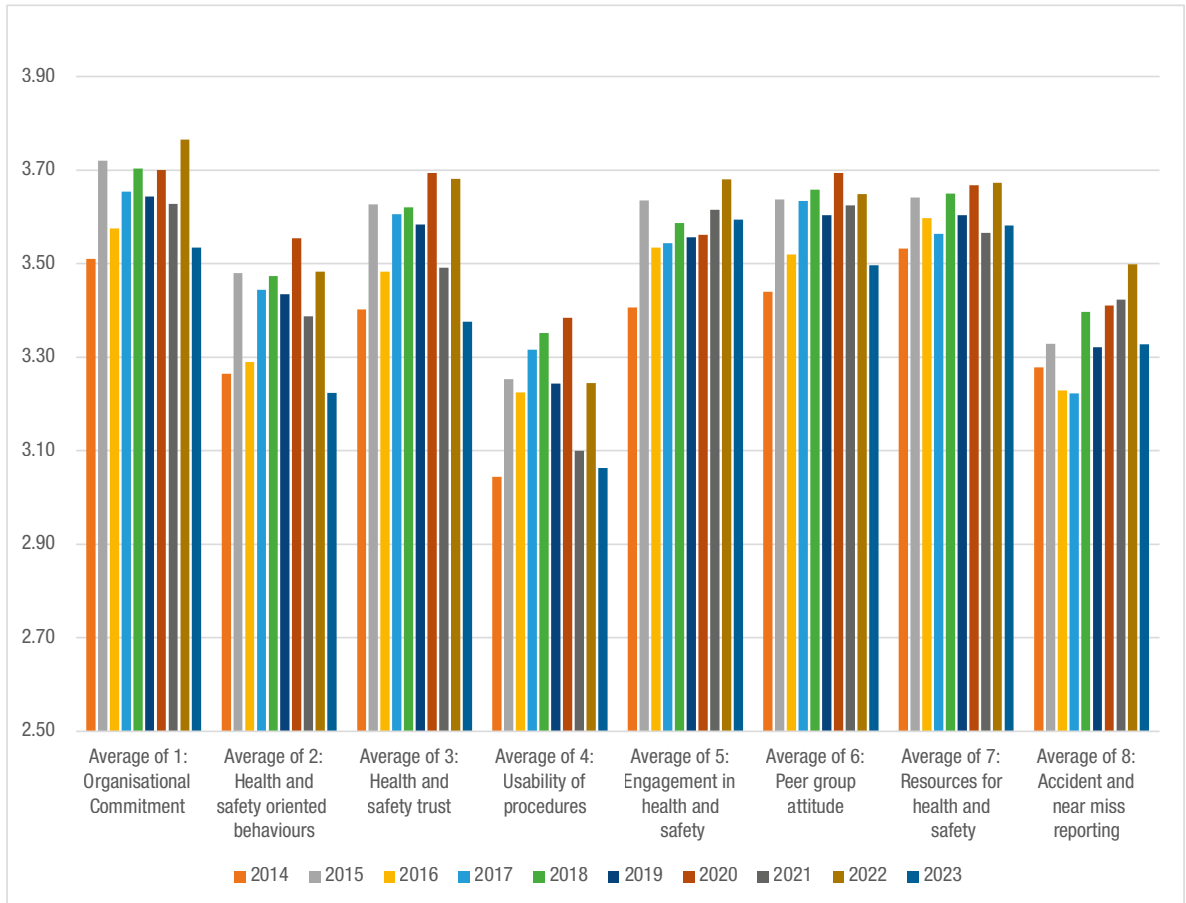
	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.51	2.70	2.68	2.71	2.95	3.06	3.00	2.29
Mean	3.63	3.39	3.54	3.21	3.57	3.59	3.60	3.34
Max	4.12	3.92	4.09	3.72	4.00	3.91	4.03	3.80





### Manufacturing (trends over time)

Within the manufacturing sector we can breakdown the mean scores by year to highlight trends over time.

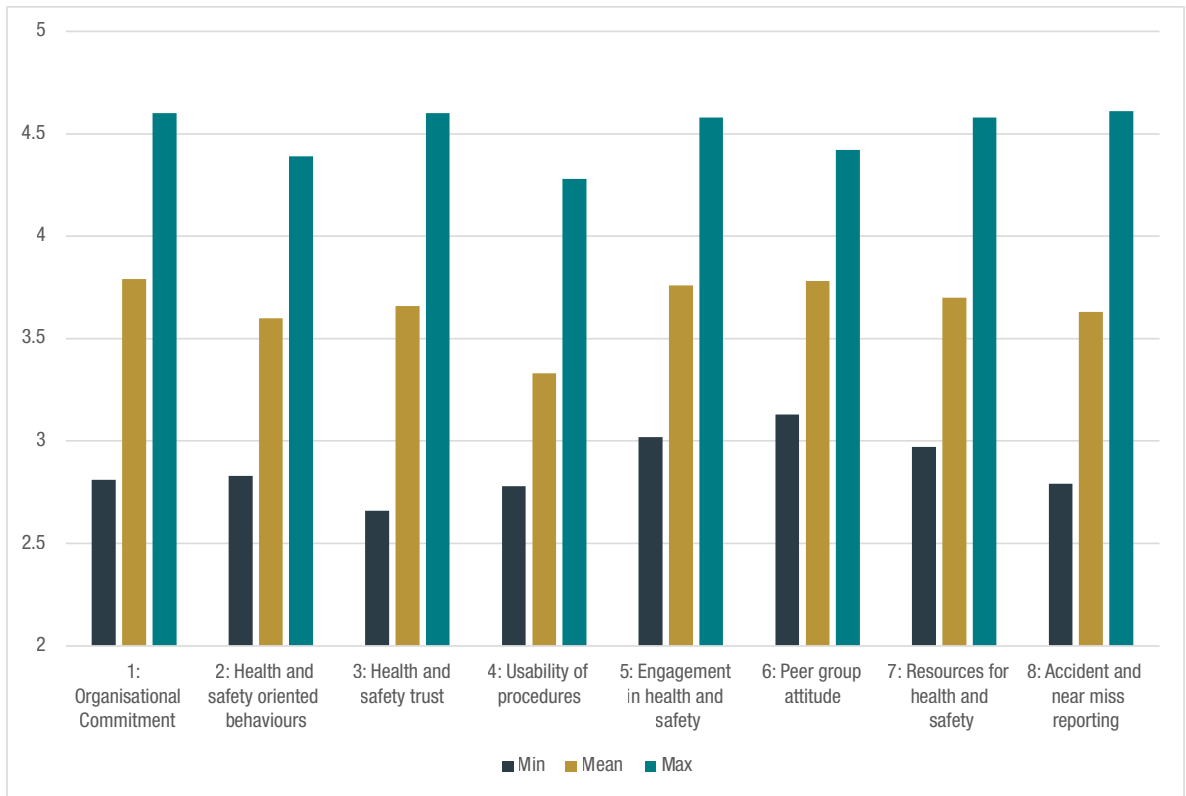




# Maritime

The maritime comparison group comprises 7,352 individual respondents across 29 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.81	2.83	2.66	2.78	3.02	3.13	2.97	2.79
Mean	3.79	3.60	3.66	3.33	3.76	3.78	3.70	3.63
Max	4.60	4.39	4.60	4.28	4.58	4.42	4.58	4.61

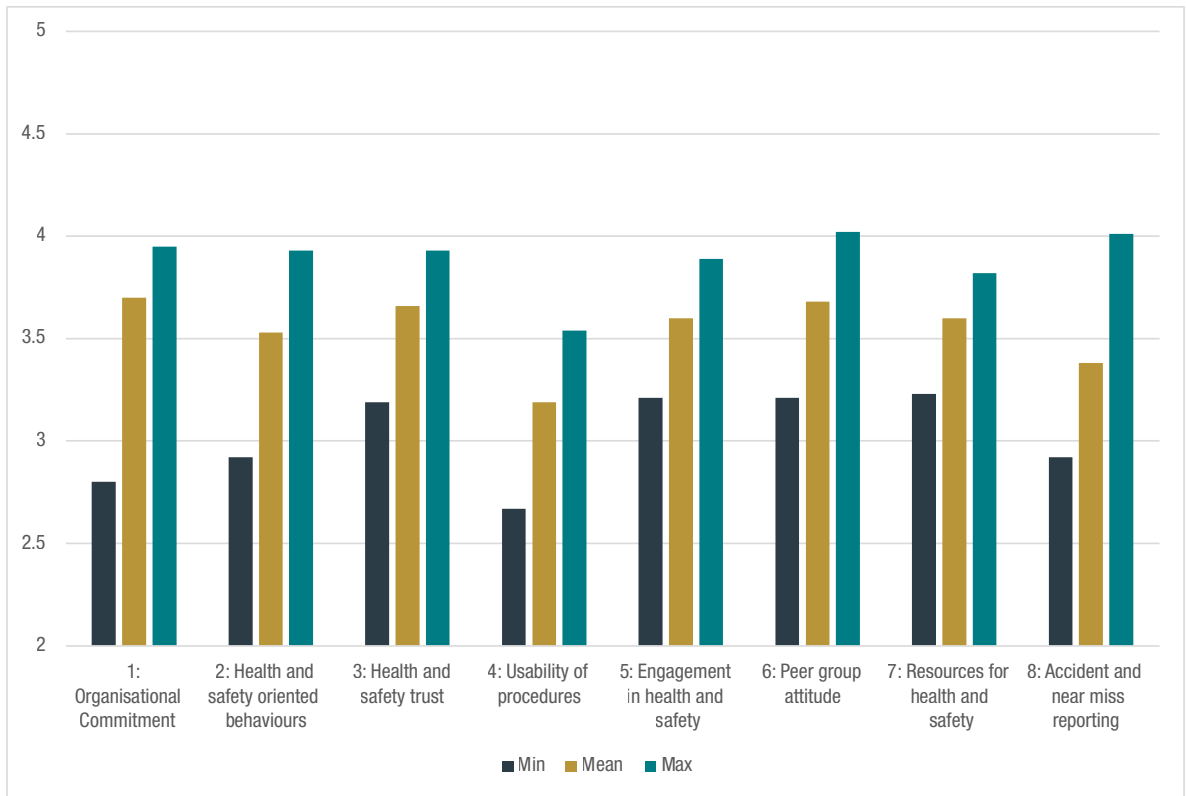




## Professional, scientific, and technical

The professional, scientific, and technical comparison group comprises 16,357 individual respondents across 32 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.80	2.92	3.19	2.67	3.21	3.21	3.23	2.92
Mean	3.70	3.53	3.66	3.19	3.60	3.68	3.60	3.38
Max	3.95	3.93	3.93	3.54	3.89	4.02	3.82	4.01

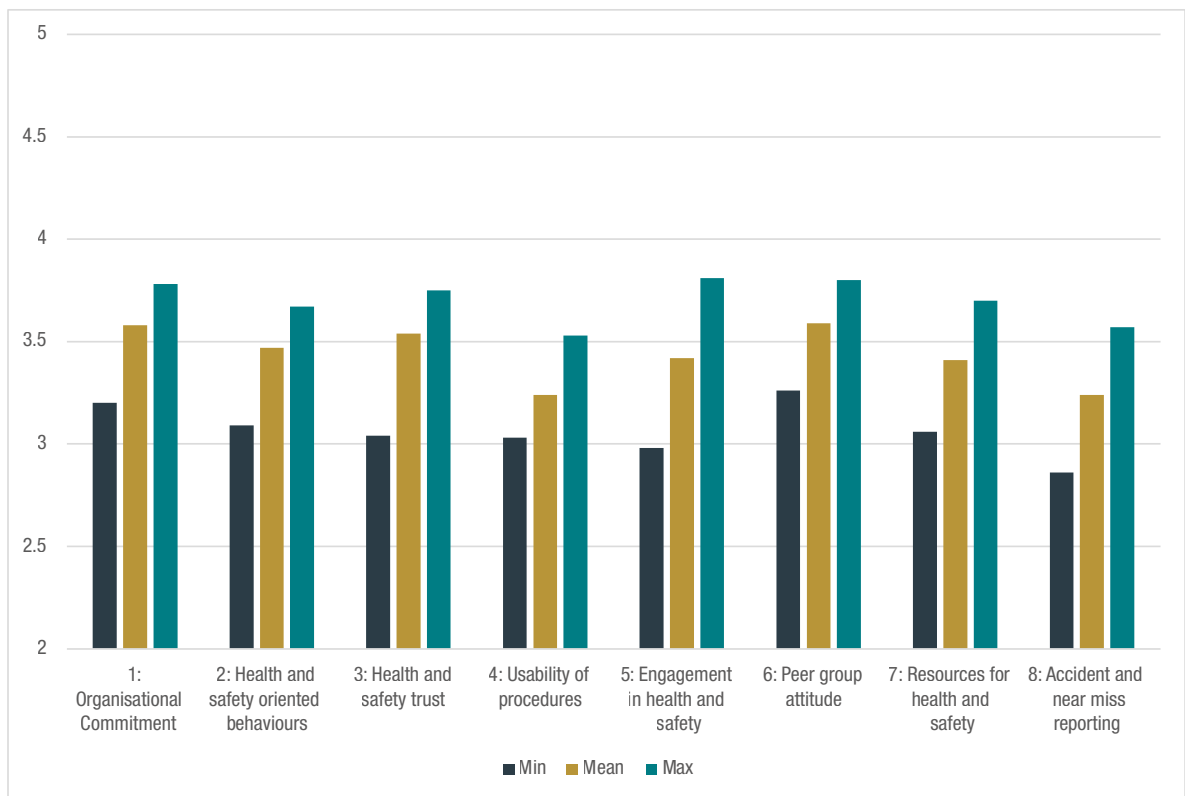




## Public sector

The public sector comparison group comprises 13,101 individual respondents across 22 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.20	3.09	3.04	3.03	2.98	3.26	3.06	2.86
Mean	3.58	3.47	3.54	3.24	3.42	3.59	3.41	3.24
Max	3.78	3.67	3.75	3.53	3.81	3.80	3.70	3.57

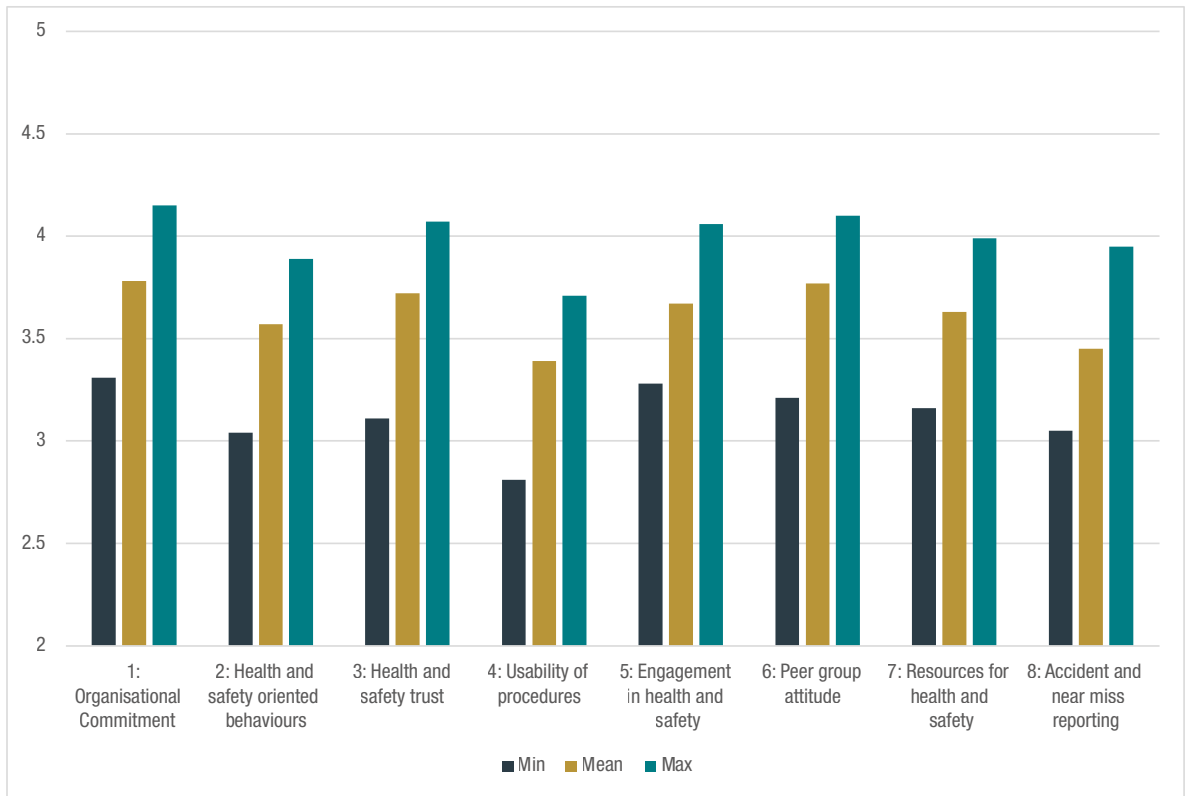




## Real estate & facilities management

The real estate & facilities management comparison group comprises 41,049 individual respondents across 50 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.31	3.04	3.11	2.81	3.28	3.21	3.16	3.05
Mean	3.78	3.57	3.72	3.39	3.67	3.77	3.63	3.45
Max	4.15	3.89	4.07	3.71	4.06	4.10	3.99	3.95

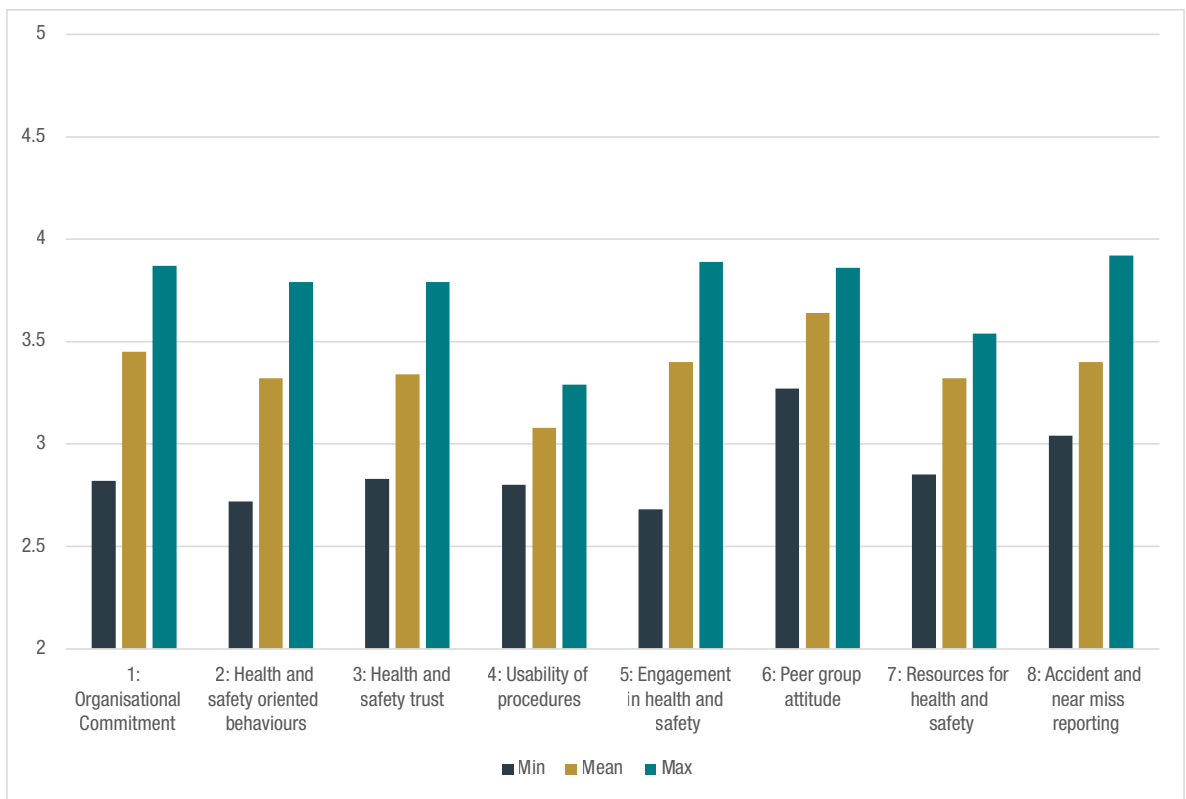




## Transportation

The transportation comparison group comprises 7,263 individual respondents across 14 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	2.82	2.72	2.83	2.80	2.68	3.27	2.85	3.04
Mean	3.45	3.32	3.34	3.08	3.40	3.64	3.32	3.40
Max	3.87	3.79	3.79	3.29	3.89	3.86	3.54	3.92

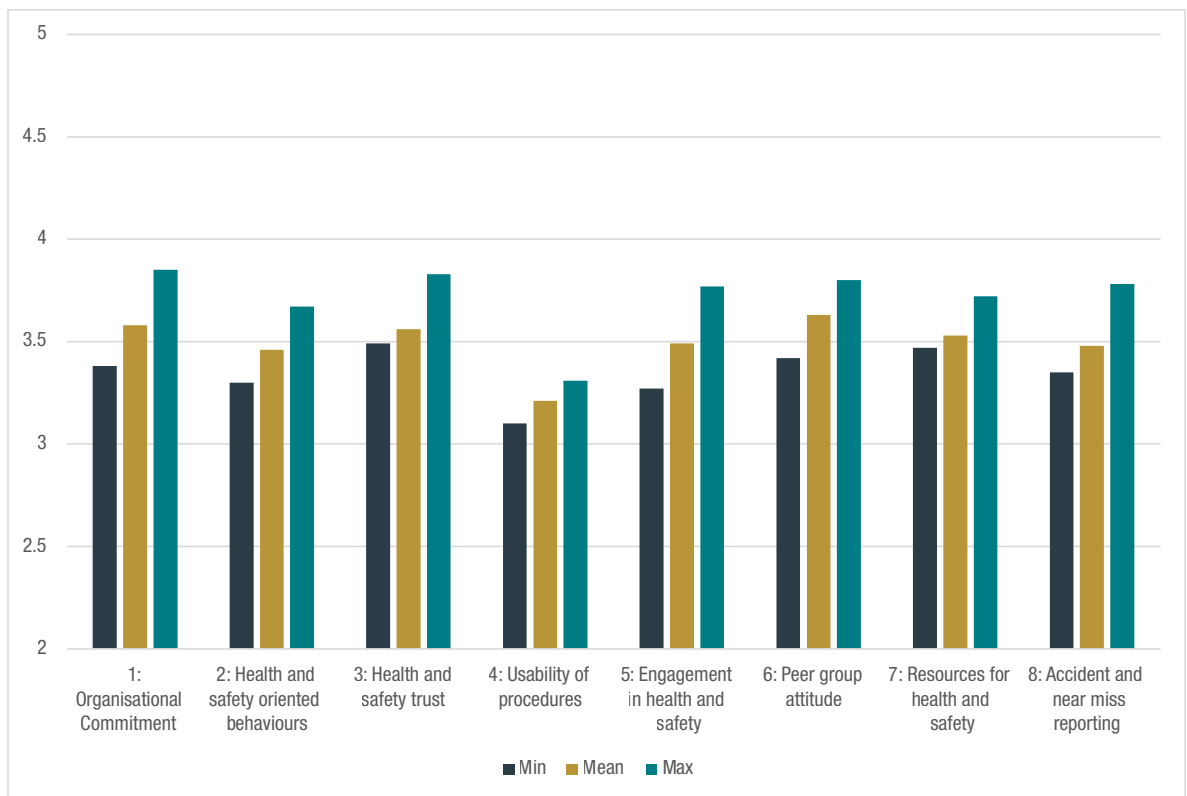




## Warehousing and distribution

The warehousing and distribution comparison group comprises 2,304 individual respondents across 7 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.38	3.30	3.49	3.10	3.27	3.42	3.47	3.35
Mean	3.58	3.46	3.56	3.21	3.49	3.63	3.53	3.48
Max	3.85	3.67	3.83	3.31	3.77	3.80	3.72	3.78

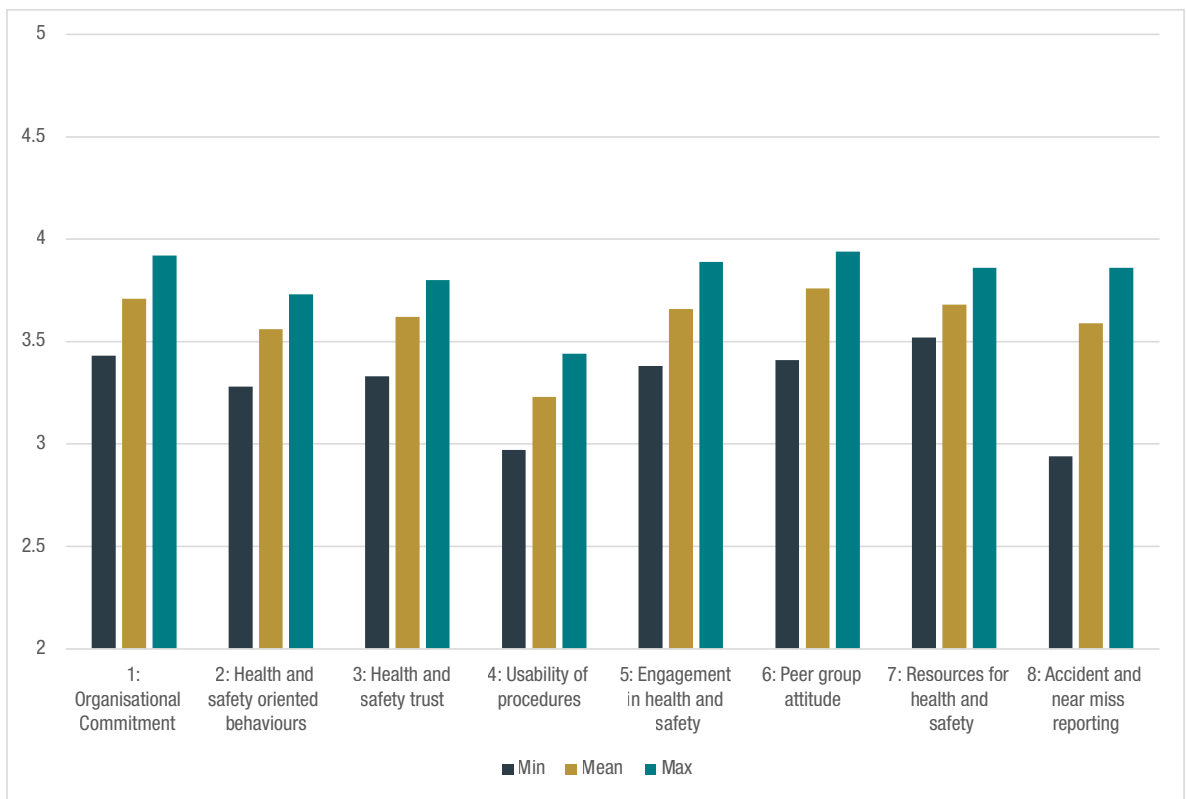




## Waste management

The waste management comparison group comprises 4,041 individual respondents across 10 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.43	3.28	3.33	2.97	3.38	3.41	3.52	2.94
Mean	3.71	3.56	3.62	3.23	3.66	3.76	3.68	3.59
Max	3.92	3.73	3.80	3.44	3.89	3.94	3.86	3.86



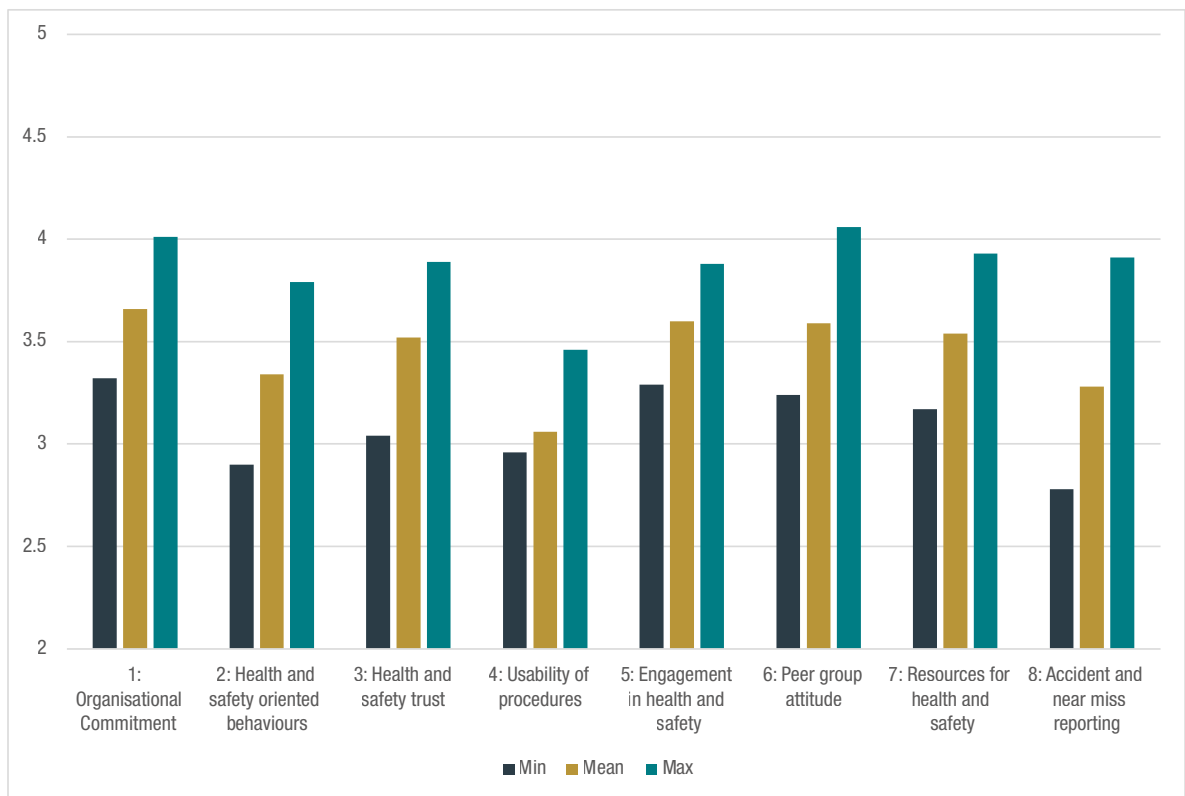




## Water (utilities)

The water comparison group comprises 10,422 individual respondents across 13 organisational assessments.

	1: Organisational Commitment	2: Health and safety oriented behaviours	3: Health and safety trust	4: Usability of procedures	5: Engagement in health and safety	6: Peer group attitude	7: Resources for health and safety	8: Accident and near miss reporting
Min	3.32	2.90	3.04	2.96	3.29	3.24	3.17	2.78
Mean	3.66	3.34	3.52	3.06	3.60	3.59	3.54	3.28
Max	4.01	3.79	3.89	3.46	3.88	4.06	3.93	3.91



# PUBLICATIONS AND PRODUCTS FROM



## What next?

To purchase a license to use the Tool or for further support on how to use the benchmarking data email: [hseorders@tso.co.uk](mailto:hseorders@tso.co.uk)