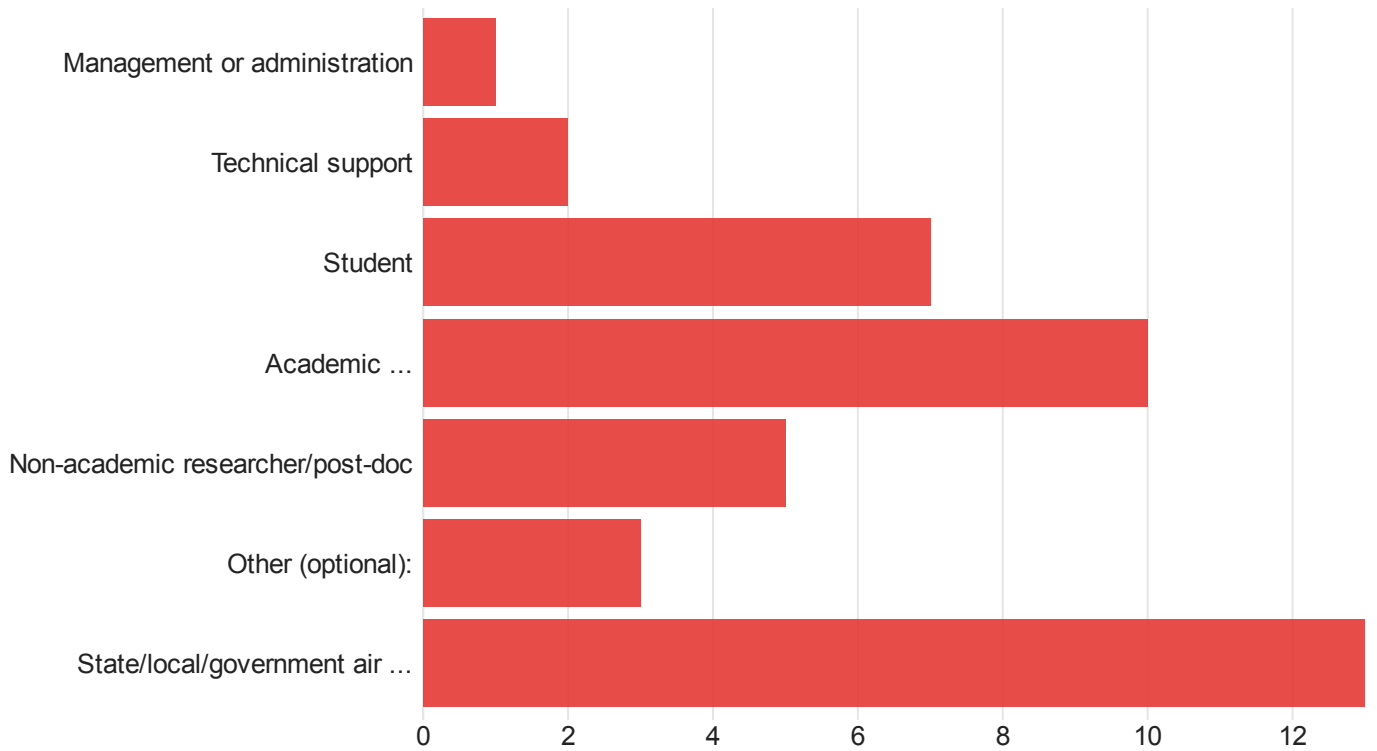


Q1 - Describe your primary role: (Choose the best answer)



Field Describe your primary role: (Choose the best answer) - Selected Choice

Describe your primary role: (Choose the best answer) - Selected Choice

Field	Choice Count
Management or administration	1
Technical support	2
Student	7
Academic research/associate/post-doc	10
Non-academic researcher/post-doc	5
State/local/government air quality manager	13

Other (optional):

3

Total

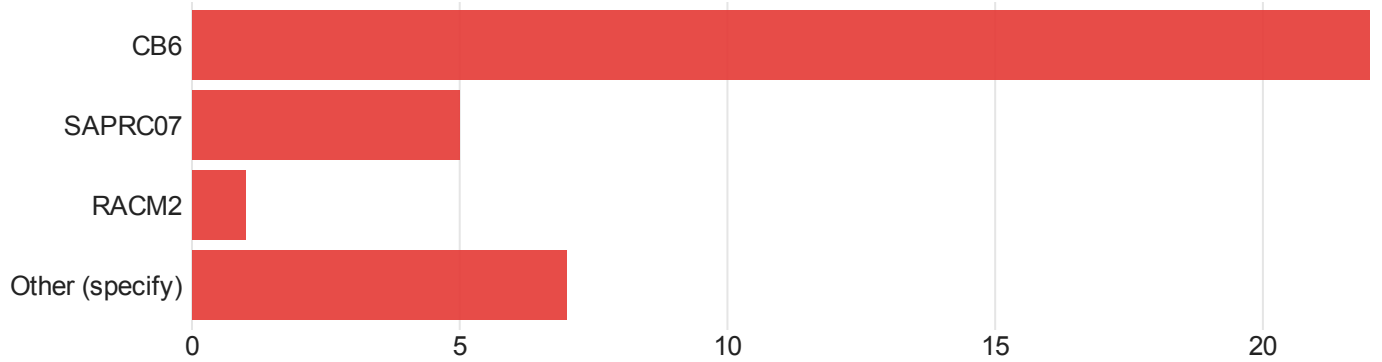
41

Select a Metric

An unexpected error has occurred

Select a Metric

Q2 - What chemical mechanism(s) do you use or want to use?



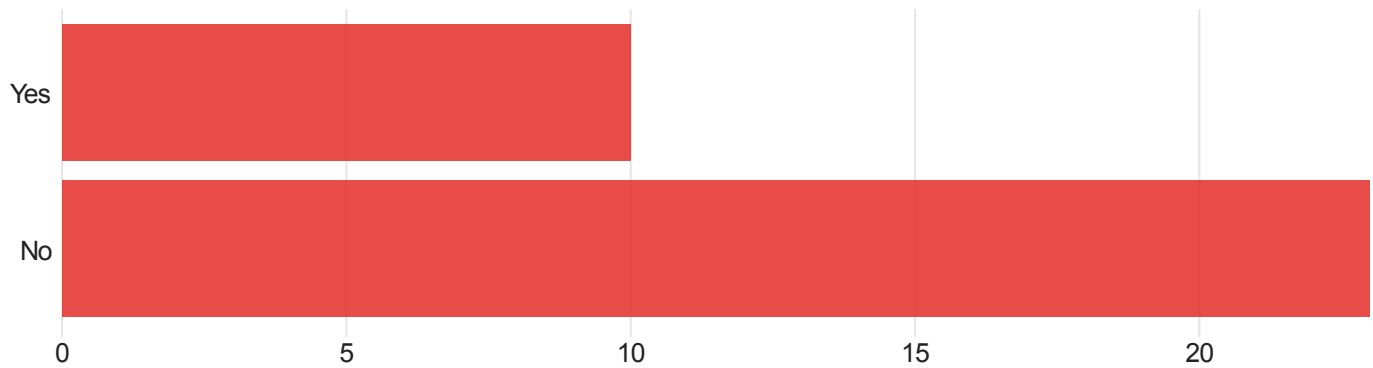
Field What chemical mechanism(s) do you use or want to use?
- Selected Choice

What chemical mechanism(s) do you use or want to use?
- Selected Choice

Field	Choice Count
CB6	22
SAPRC07	5
RACM2	1
Other (specify)	7
Total	35

Select a Metric

Q3 - The CMAQ team recommends using the "inline" module for computing photolysis rates and is planning to eliminate the JPROC utility. Do you use currently use the JPROC utility to compute photolysis rates?

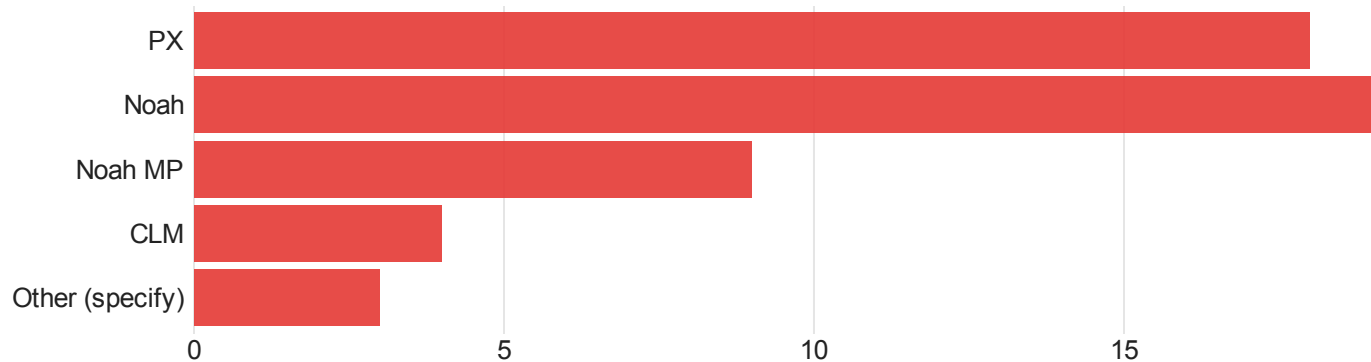


Field The CMAQ team recommends using the "inline" module for computing photolysis rates and is planning to eliminate the JPROC utility. Do you use currently use the JPROC utility to compute photolysis rates?

The CMAQ team recommends using the "inline" module for computing photolysis rates and is planning to eliminate the JPROC utility. Do you use currently use the JPROC utility to compute photolysis rates?

Field	Choice Count
Yes	10
No	23
Total	33

Q4 - What land surface models do you use in WRF for input to CMAQ
(select all that apply):



Field

What land surface models do you use in WRF for input to
CMAQ (select all that apply): - Selected Choice

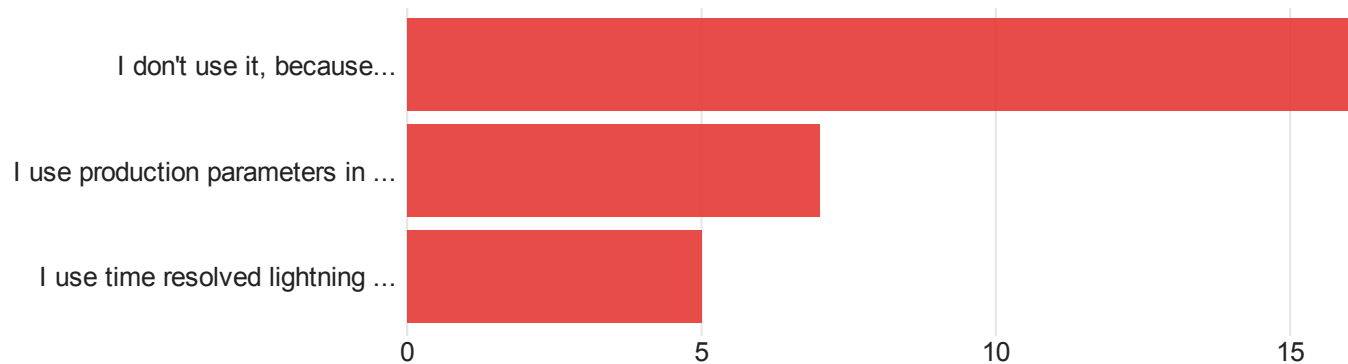
What land surface models do you use in WRF for input to
CMAQ (select all that apply): - Selected Choice

Field

Choice Count

PX	18
Noah	19
Noah MP	9
CLM	4
Other (specify)	3
Total	53

Q5 - How do you use lightning data?



Field

How do you use lightning data? - Selected Choice

How do you use lightning data? - Selected Choice

Field

Choice Count

I don't use it, because...

16

I use production parameters in CMAQ

7

I use time resolved lightning data in WRF and CMAQ

5

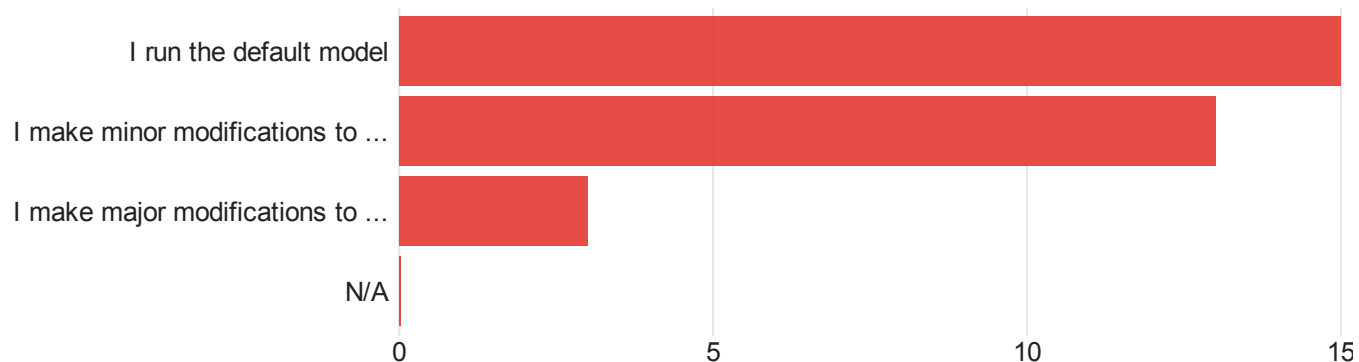
Total

28

Select a Metric

An unexpected error has occurred

Q6 - How do you interact with the CMAQ source code?

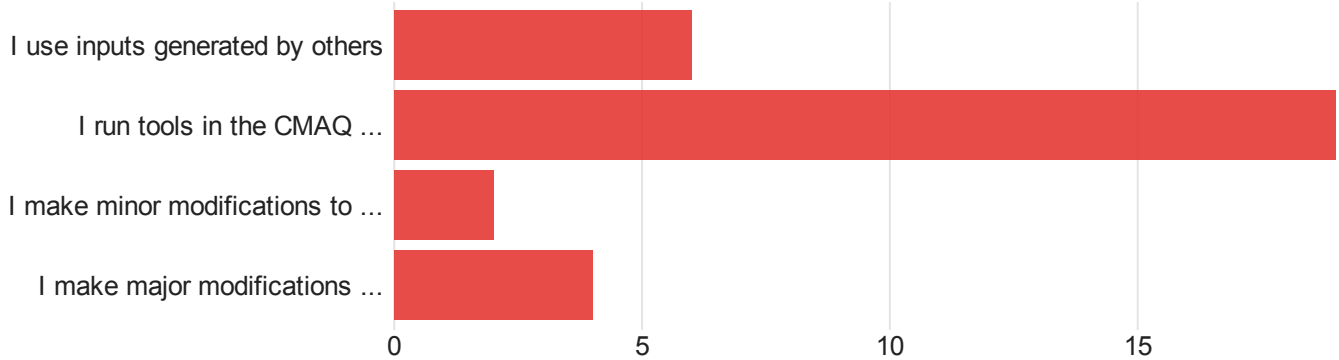


Field How do you interact with the CMAQ source code?

How do you interact with the CMAQ source code?

Field	Choice Count
I run the default model	15
I make minor modifications to the source code	13
I make major modifications to the source code	3
N/A	0
Total	31

Q7 - How do you interact with inputs to the CMAQ system?

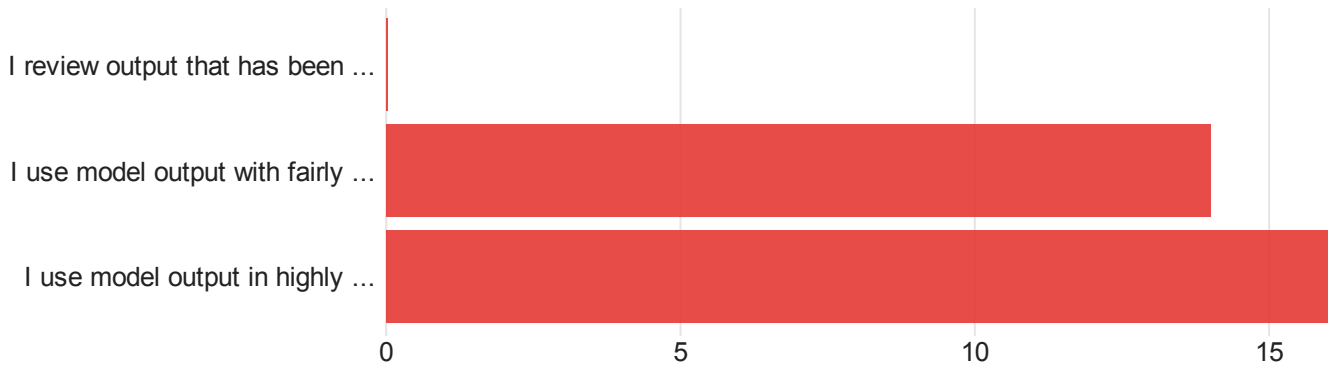


Field How do you interact with inputs to the CMAQ system?

How do you interact with inputs to the CMAQ system?

Field	Choice Count
I use inputs generated by others	6
I run tools in the CMAQ modeling system to create inputs (MCIP, SMOKE)	19
I make minor modifications to these tools	2
I make major modifications and/or make my own tools	4
Total	31

Q8 - How do you interact with outputs from the CMAQ system?

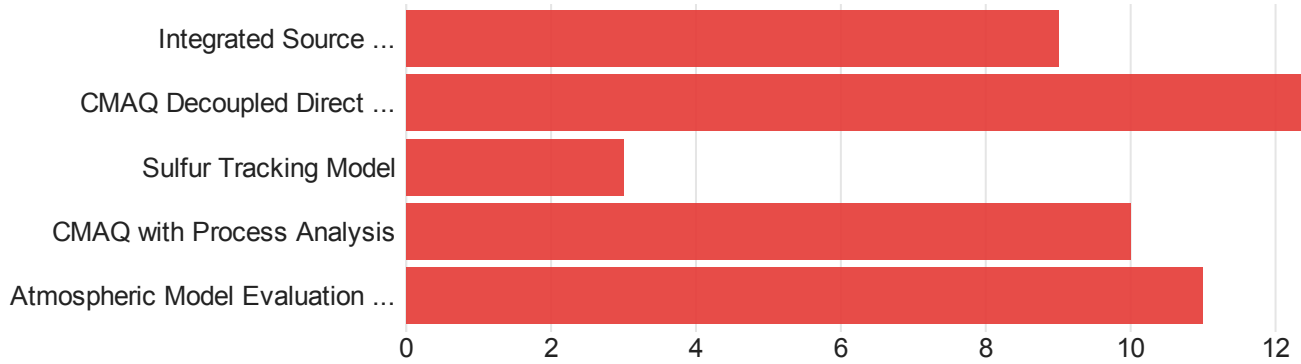


Field How do you interact with outputs from the CMAQ system?

How do you interact with outputs from the CMAQ system?

Field	Choice Count
I review output that has been analyzed by others	0
I use model output with fairly standard post processing methods	14
I use model output in highly customized ways	16
Total	30

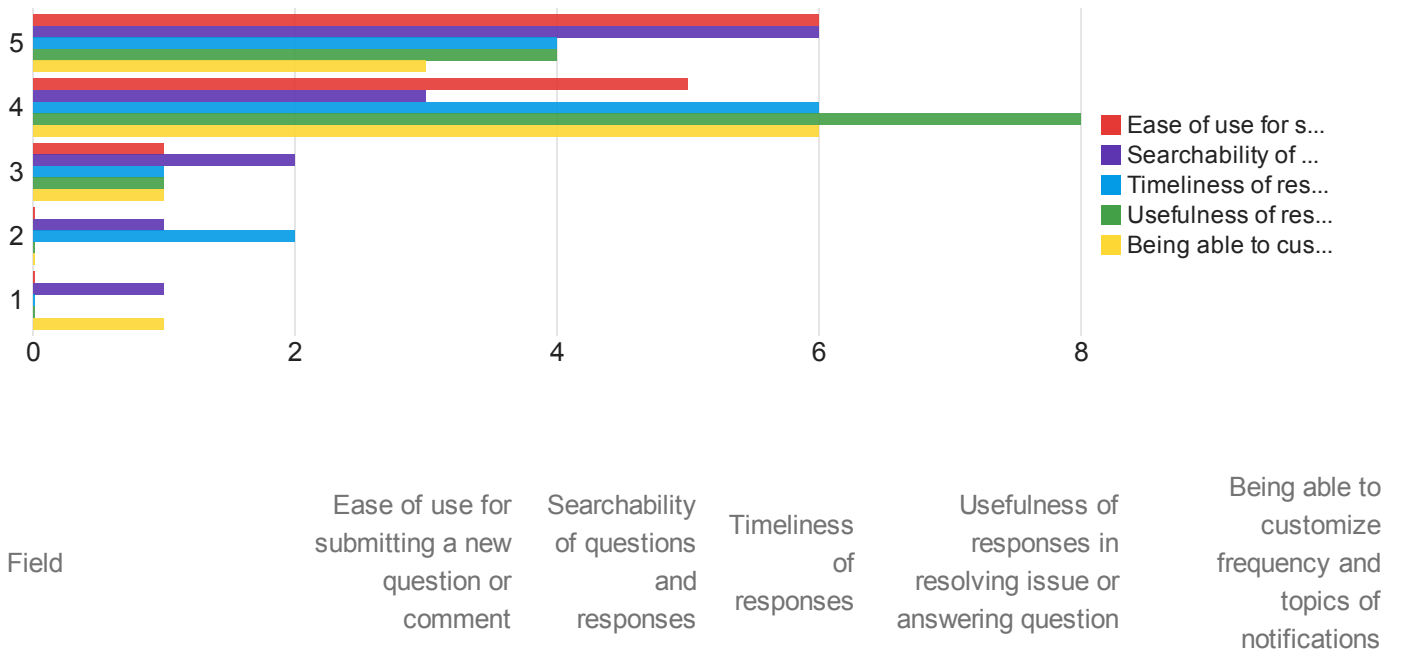
Q9 - Which of the following tools or models have you used (select all that apply):



Field	Choice Count
Integrated Source Apportionment Method (ISAM)	9
CMAQ Decoupled Direct Method 3D	13
Sulfur Tracking Model	3
CMAQ with Process Analysis	10
Atmospheric Model Evaluation Tool (AMET)	11
Total	46

Q10 - The CMAS Center has recently launched a new user forum for discussion and support of atmospheric modeling software: <https://forum.cmascenter.org/>. How would you rate the new system, particularly as compared to the m3user listserve.

5: Very useful 1: Not at all useful Select NA if you feel unable to determine/have no basis to determine



Ease of use for submitting a new question or comment

Searchability of questions and responses

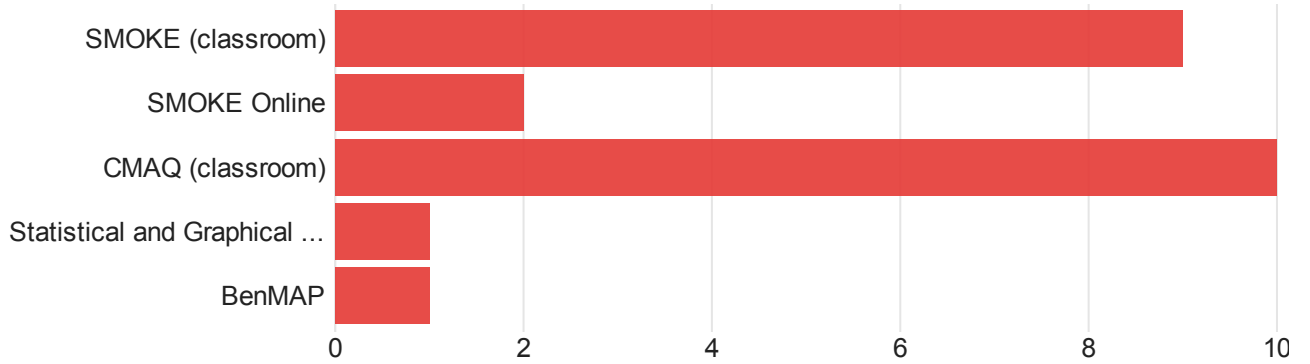
Timeliness of responses

Usefulness of responses in resolving issue or answering question

Being able to customize frequency and topics of notifications

Field	5	4	3	2	1	Total
Ease of use for submitting a new question or comment	6	5	1	0	0	12
Searchability of questions and responses	6	3	2	1	1	13
Timeliness of responses	4	6	1	2	0	13
Usefulness of responses in resolving issue or answering question	4	8	1	0	0	13
Being able to customize frequency and topics of notifications	3	6	1	0	1	11

Q11 - Which of the following training classes have you taken (select all that apply):



Field Which of the following training classes have you taken (select all that apply):

Which of the following training classes have you taken (select all that apply):

Field	Choice Count
SMOKE (classroom)	9
SMOKE Online	2
CMAQ (classroom)	10
Statistical and Graphical Analysis Tools (AMET + VERDI) (classroom)	1
BenMAP	1
Total	23