

1.

2.

3.

4.

5.

6.

7. 13

8.

9.

10.

2019

89.5% 51.6%

102.6%

2020

10 23 A6

241

1353

2019

21

WFME

105

2017

82

221

2020 18

2020 7 7

1.

2.

2010 3

3.

2020 07 28







2019 10 14

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2019 THE

ARWU



2019 WMO 15 WMO 40

9 4 7 12

2019 5 1084

189 24 473

8 6

23

+

300

E

E

20

16

2.27

2017

1.6

100%

15

2018









+

+

2020 12

**13**

400

13

13

15

6



2020





2019

+

+

+

1602

9

80

4

2

2

2

1

2020 6

180



30%

500

340

3D

2020

34

2020

30%

CPS

500

10

10

19