## REGIONAL EXPOSURE SUMMARIES

Review main statistic of regional exposure models and create summaries across countries. # Parameters region = "Oceania"

- Australia - Cook\_Islands

7 - Marshall\_Islands

10 - New\_Caledonia

14 - Papua\_New\_Guinea

16 - Solomon\_Islands

12 - Northern\_Mariana\_Islands

dtype='object')

COUNTRY

Australia

Fiji

Guam

Kiribati

Nauru

Palau

Samoa

Tuvalu

Vanuatu

COUNTRY

Australia

Fiji

Guam

Kiribati

Micronesia

Nauru

Niue

Palau

Samoa

**Tonga** 

Tuvalu

Vanuatu

**COUNTRY** 

Australia

Cook\_Islands

Fiji

Guam

Kiribati

Marshall Islands

Micronesia

Nauru

New Caledonia

New Zealand

Northern\_Mariana\_Islands

Papua\_New\_Guinea

Solomon\_Islands

Niue

Palau

Samoa

Tonga

Tuvalu

Vanuatu

`MACRO\_TAXO`

**COUNTRY** 

Australia

Fiji

Guam

Kiribati

Nauru

Niue

Palau

Samoa

**Tonga** 

Tuvalu

Vanuatu

**COUNTRY** 

Australia

Fiji

Guam

Kiribati

Micronesia

Nauru

Niue

Palau

Samoa

**Tonga** 

Tuvalu

Vanuatu

Cook\_Islands

Marshall\_Islands

New Caledonia

Northern\_Mariana\_Islands

Papua\_New\_Guinea

Solomon\_Islands

New\_Zealand

American\_Samoa

Micronesia

Cook\_Islands

Marshall Islands

New\_Caledonia

Northern\_Mariana\_Islands

Papua\_New\_Guinea

Solomon Islands

New\_Zealand

American\_Samoa

Adding

Cook\_Islands

Marshall\_Islands

New\_Caledonia

Northern\_Mariana\_Islands

Papua\_New\_Guinea

Solomon\_Islands

Other metrics to consider

American\_Samoa

New\_Zealand

American\_Samoa

Micronesia

Cook\_Islands

Marshall Islands

New\_Caledonia

Northern\_Mariana\_Islands

Papua\_New\_Guinea

Solomon\_Islands

New Zealand

American\_Samoa

**Exposure at National level by occupancy** 

Com

435

204,290

1,565

8,718

1,788

1,066

573

2,063

5,239

0

83

2,418

647

58,413

4,244

5,547

161

5,335

Com

494.4M

637.7M

1,064.1M 1,777.9M

125.0M

240.7M

536.2M

116.9M

2,376.2M

0.0M

37.6M

2,403.0M

954.7M

2,684.7M

972.0M

1,052.0M

680.5M

57.3M

730.7M

**OCCUPANCY** 

Com

Ind Res

Com

Res Com

Ind

Res

Com

Ind

Res Com

Ind

Res

Com

Res Com

Ind

Res

Com

Ind

Res

Com

Ind Res

Com

Res

Res

Com

Ind

Res

Com

Res Com

> Ind Res

Com

Ind

Res

Com

Ind

Res

Com

Ind

Res

Com

Ind

Res

Com

Ind

Res Com

> Ind Res

National exposure by simplified taxonomy

column

ADO/E %

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.85%

0.00%

0.00%

0.00%

0.00%

0.08%

0.00%

0.00%

0.00%

0.00%

0.00%

ADO/E %

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.19%

0.00%

0.00%

0.00%

0.00%

0.05%

0.00%

0.00%

0.00%

0.00%

0.00%

MCF %

0.00%

0.00%

51.41%

0.00%

0.00%

27.74%

34.81%

41.77%

56.71%

0.00%

0.00%

45.20%

0.00%

32.57%

0.00%

19.41%

4.56%

29.31%

45.47%

27.58%

MCF %

0.00%

0.00%

46.38%

0.00%

0.00%

47.73%

30.16%

42.00%

47.00%

0.00%

0.00%

45.14%

0.00%

21.03%

0.00%

27.24%

14.76%

**31.1**1%

36.57%

47.34%

**NonRes** 

4,756,629.7M

175

8 - Micronesia 9 - Nauru

11 - Niue

13 - Palau

15 - Samoa

17 - Tonga 18 - Tuvalu 19 - Vanuatu 20 - New\_Zealand

1 - American\_Samoa

4 - Fiji 5 - Guam 6 - Kiribati

Index(['COUNTRY', 'ID\_1', 'NAME\_1', 'TAXONOMY', 'OCCUPANCY', 'DWELLINGS', 'BUILDINGS', 'OCCUPANTS', 'COST\_USD', 'COST\_STRUCTURAL\_USD',

Ind

224

60

1,740

876

116

143

123

104

564

0

9

453

40

285

517

13

378

380,774.0K

26,900.8K

330,869.6K

872,595.6K

12,206.1K

54,800.0K

29,173.2K

83,851.1K

242,053.4K

0.0K

3,919.4K

458,875.9K

51,450.7K

977,771.2K

106,436.5K

236,294.6K

80,953.9K

1,789.9K

85,466.6K

678,976,026.9K

19,354

143,907

'COST\_NONSTRUCTURAL\_USD', 'COST\_CONTENTS\_USD', 'COST\_PER\_AREA\_USD'],

**BUILDINGS** 

Res

17,017

8,357

178,097

34,129

24,879

11,407

28,226

2,290

55,245

919

6,173

4,665

1,344,661

41,960

157,034

2,621

90,699

1,642,546

8,419,661

Com\_%

2.46%

2.33%

15.68%

4.62%

4.86%

4.09%

4.73%

6.78%

6.81%

8.58%

0.00%

8.21%

26.74%

12.09%

4.11%

9.13%

3.40%

5.76%

5.53%

6,620.9M

1,191.6M

10,145.3M

17,181.8M

932.4M

1,468.2M

1,862.5M

13,331.8M

935,576.6M

413.5M

199.8M

2,445.0M

1,061.3M

28,286.2M

1,714.9M

3,597.6M

2,896.8M

2,776.8M

AVG\_BUILDING\_AREA\_SQM AVG\_COST\_PER\_AREA\_USD

406

439

169

7,295

1,535

358

387

265

134

110

170

74

371

297

229

95

89

32

351

232

85 188

163

48

358

306

125

178

138

116

256

173

224

375

117

371

308

256

600

498

138

109

108

61

216

367

96

165

332

23

200

191

91

149

109

79

154

193

27

BUILDINGS

MR %

0.00%

1.03%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

3.51%

0.00%

0.00%

0.00%

1.49%

0.00%

0.00%

0.00%

0.00%

0.00%

MR\_%

0.00%

1.69%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

3.72%

0.00%

0.00%

0.00%

1.81%

0.00%

0.00%

0.00%

0.00%

0.00%

MUR %

48.69%

39.64%

0.00%

15.76%

47.07%

0.00%

0.00%

0.00%

0.00%

0.00%

1.60%

0.00%

40.02%

0.00%

1.16%

0.00%

0.00%

0.00%

0.00%

0.00%

MUR %

46.15%

**1**9.03%

0.00%

8.00%

43.50%

0.00%

0.00%

0.00%

0.00%

0.00%

1.63%

0.00%

31.89%

0.00%

1.77%

0.00%

0.00% 0.00%

0.00%

0.00%

**OT** %

0.00%

0.00%

0.00%

35.60%

0.00%

0.00%

0.00%

0.00%

0.00%

12.43%

0.00%

0.00%

0.00%

0.00%

**1**4.11%

0.00%

0.00%

0.00%

0.00%

0.00%

OT\_%

0.00%

0.00%

0.00%

20.50%

0.00%

0.00%

0.00%

0.00%

0.00%

4.19%

0.00%

0.00%

0.00%

0.00%

11.30%

0.00%

0.00%

0.00%

0.00%

0.00%

MIX %

0.00%

0.02%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

MIX\_%

0.00%

0.16%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

COST USD

272.4M

7,442,646.5M

Com\_%

6.60%

36.94%

34.36%

9.22%

8.96%

11.69%

**1**3.65%

22.09%

19.03%

14.90%

0.00%

15.57%

45.28%

46.18%

8.40%

34.80%

21.53%

18.60%

17.29%

20.34%

Ind\_%

1.27%

1.64%

0.60%

0.92%

2.38%

0.45%

1.18%

0.40%

4.05%

0.92%

0.00%

0.89%

5.01%

0.75%

1.36%

0.61%

0.32%

0.47%

0.39%

Ind\_%

5.08%

5.27%

1.45%

2.87%

4.40%

1.14%

3.11%

1.20%

13.65%

1.52%

0.00%

1.62%

8.65%

2.49%

3.06%

3.81%

4.84%

2.21%

0.54%

2.38%

\$1,175

\$1,037

\$1,668 \$1,551

\$1,269 \$1,422

\$639

\$863

\$723

\$696

\$599

\$552

\$1,340

\$1,340

**\$1,468** 

\$615

\$473

\$1,002

\$777

\$941 \$1,103

\$901

\$824

\$982

\$1,114

\$1,274

\$986

**\$1,55**9

**\$1,482** \$1,545

\$1,241

\$1,679

\$1,299

\$703

\$1,311

\$1,339

\$1,332

\$1,027

\$1,478

\$1,329

\$1,131

\$284

\$269

\$255

\$697

\$601

\$305

\$756

\$793

\$729

\$954

\$1,046

\$741

\$1,596

\$721

\$959

\$593

\$683

\$824

RC %

45.67%

1.97%

3.59%

21.99%

46.73%

1.76%

7.09%

1.67%

3.43%

61.29%

4.45%

1.09%

50.00%

11.45%

1.57%

1.53%

1.13%

2.91%

2.33%

1.52%

RC %

46.88%

25.53%

16.15%

51.28%

49.26%

15.11%

30.28%

14.93%

18.50%

84.04%

9.95%

4.26%

54.84%

52.40%

6.01%

18.30%

20.47%

17.75%

16.98%

16.75%

S %

0.62%

1.29%

0.76%

0.00%

1.21%

2.82%

1.76%

1.73%

3.58%

0.26%

0.35%

0.89%

5.02%

1.79%

0.00%

9.85%

0.75%

1.84%

0.89%

1.31%

**S**\_%

1.89%

14.24%

2.67%

0.00%

2.28%

3.34%

1.92%

5.02%

6.38%

0.52%

2.03%

1.18%

8.37%

3.23%

0.02%

8.51%

3.78%

2.15%

0.53%

2.18%

W %

5.01%

56.04%

44.24%

26.65%

4.99%

67.68%

56.35%

54.83%

36.28%

25.16%

90.08%

52.82%

4.96%

54.19%

81.59%

69.21%

93.55%

65.94%

51.31% 69.59%

 $W_{-}\%$ 

5.08%

39.35%

34.80%

20.22%

4.96%

33.82%

37.64%

38.05%

28.11%

11.06%

82.68%

49.42%

4.90%

23.33%

79.04%

45.96%

60.99%

48.99%

**45**.92%

33.74%

NonRes\_%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

30.05%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

NonRes %

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

33.81%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

0.00%

Res\_%

96.27%

96.03%

83.72%

94.45%

92.76%

95.46%

94.09%

92.81%

89.14%

90.49%

69.95%

90.90%

68.26%

87.16%

94.53%

90.26%

96.28%

93.77%

94.07%

Res %

88.32%

57.79%

64.19%

87.91%

86.64%

87.17%

83.25%

76.71%

67.32%

83.58%

66.19%

82.80%

46.07%

51.33%

88.54%

61.39%

73.63%

79.19%

82.17%

77.28%

**NonRes** 

0.0K

705.7K

0.0K

0.0K

0.0K

0.0K

0.0K

0.0K

0.0K

0.0K

COST USD

Ind NonRes

0.0B

477.8B