

TABLE 16: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2010/2011)

| Number of samples | Region | Roﬀ Milling | | | | | | | | | | | | Whiteness index | | | | | | | | | | | |
|--------------------|-----------|-------------|------|------|------------|------|------|------------|------|------|----------|------|------|-----------------|------|------|----------------------------|------|------|--------------------------|------|------|------------------------------|------|------|
| | | Break 1, % | | | Break 2, % | | | Break 3, % | | | Grits, % | | | Bran/Germ, % | | | Extraction, % (Total meal) | | | Whiteness index unsifted | | | Whiteness index sifted 87:13 | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| GRADE: WM 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Region 08 | 13.8 | 13.8 | 13.8 | 12.7 | 12.7 | 12.7 | 19.5 | 19.5 | 19.5 | 32.2 | 32.4 | 32.4 | 21.6 | 21.6 | 21.6 | 78.4 | 78.4 | 78.4 | 31.8 | 31.8 | 31.8 | 28.5 | 28.5 | 28.5 |
| 9 | Region 12 | 13.6 | 12.5 | 15.1 | 12.5 | 12.0 | 13.1 | 20.7 | 19.2 | 21.8 | 32.7 | 29.7 | 34.7 | 20.4 | 19.2 | 22.3 | 79.6 | 77.7 | 80.8 | 32.4 | 30.4 | 35.3 | 23.9 | 21.4 | 26.0 |
| 13 | Region 13 | 14.7 | 12.0 | 16.1 | 12.8 | 11.5 | 13.7 | 20.1 | 18.7 | 20.9 | 31.1 | 29.2 | 35.3 | 21.3 | 19.9 | 24.6 | 78.7 | 75.4 | 80.1 | 32.1 | 28.9 | 37.0 | 25.2 | 18.5 | 30.3 |
| 14 | Region 14 | 14.5 | 13.4 | 16.8 | 12.5 | 11.7 | 14.1 | 19.9 | 18.4 | 21.5 | 31.9 | 28.1 | 33.4 | 21.1 | 19.2 | 23.6 | 78.9 | 76.4 | 80.8 | 31.4 | 27.9 | 34.0 | 23.2 | 20.1 | 26.8 |
| 4 | Region 15 | 12.6 | 12.3 | 13.0 | 12.4 | 12.1 | 12.7 | 18.9 | 18.3 | 19.2 | 34.0 | 33.8 | 34.4 | 22.1 | 21.5 | 22.6 | 77.9 | 77.4 | 78.5 | 31.7 | 30.8 | 32.8 | 22.6 | 21.6 | 23.7 |
| 9 | Region 16 | 14.0 | 12.0 | 15.6 | 12.7 | 11.8 | 13.5 | 19.6 | 18.7 | 20.8 | 32.9 | 30.1 | 35.2 | 20.8 | 19.8 | 21.8 | 79.2 | 78.2 | 80.2 | 30.6 | 28.9 | 32.3 | 22.6 | 18.0 | 24.5 |
| 22 | Region 17 | 15.1 | 14.1 | 16.5 | 13.2 | 12.1 | 20.7 | 19.7 | 18.0 | 21.4 | 30.9 | 27.9 | 32.4 | 21.0 | 18.0 | 23.9 | 79.0 | 76.1 | 82.0 | 31.0 | 25.3 | 36.2 | 24.0 | 17.0 | 30.2 |
| 14 | Region 18 | 14.9 | 13.0 | 16.2 | 12.8 | 12.1 | 13.3 | 20.2 | 18.8 | 21.1 | 30.9 | 29.3 | 33.8 | 21.2 | 19.9 | 22.7 | 78.8 | 77.3 | 80.1 | 31.3 | 28.8 | 33.7 | 24.2 | 19.1 | 28.2 |
| 11 | Region 19 | 14.9 | 13.0 | 17.5 | 12.5 | 11.7 | 13.4 | 19.8 | 17.0 | 21.5 | 31.0 | 26.7 | 33.7 | 21.7 | 19.5 | 26.3 | 78.3 | 73.7 | 80.5 | 31.0 | 27.0 | 36.4 | 21.7 | 17.4 | 28.6 |
| 7 | Region 20 | 15.0 | 13.2 | 16.7 | 13.0 | 12.5 | 13.8 | 19.9 | 19.4 | 20.5 | 31.3 | 29.5 | 33.5 | 20.8 | 19.0 | 21.8 | 79.2 | 78.2 | 81.0 | 33.6 | 32.0 | 35.4 | 25.3 | 22.6 | 32.2 |
| 8 | Region 21 | 14.3 | 12.6 | 16.9 | 12.4 | 11.8 | 13.1 | 20.7 | 18.9 | 22.7 | 31.8 | 26.7 | 34.8 | 20.8 | 18.0 | 24.9 | 79.2 | 75.1 | 82.0 | 30.6 | 25.1 | 38.3 | 22.9 | 17.0 | 28.9 |
| 8 | Region 22 | 14.5 | 13.3 | 15.6 | 12.5 | 11.4 | 13.6 | 20.1 | 18.8 | 21.2 | 32.6 | 30.7 | 34.9 | 20.3 | 18.4 | 22.0 | 79.7 | 78.0 | 81.6 | 30.9 | 27.1 | 35.1 | 23.1 | 18.9 | 28.3 |
| 13 | Region 23 | 14.0 | 11.8 | 16.2 | 12.9 | 10.9 | 14.1 | 19.9 | 18.8 | 20.7 | 32.2 | 30.1 | 34.7 | 20.9 | 18.8 | 23.7 | 79.1 | 76.3 | 81.2 | 31.7 | 28.3 | 38.7 | 23.1 | 20.1 | 28.2 |
| 12 | Region 24 | 14.0 | 12.2 | 15.9 | 13.0 | 11.7 | 13.9 | 20.8 | 19.8 | 21.9 | 31.2 | 27.1 | 34.5 | 21.0 | 18.5 | 22.8 | 79.0 | 77.2 | 81.5 | 29.2 | 22.0 | 32.8 | 21.1 | 16.7 | 24.7 |
| 6 | Region 25 | 16.4 | 14.3 | 18.5 | 13.2 | 12.3 | 13.7 | 18.9 | 17.9 | 20.0 | 28.7 | 27.3 | 29.7 | 22.8 | 20.5 | 24.5 | 77.2 | 75.5 | 79.5 | 30.9 | 29.0 | 35.2 | 20.8 | 17.4 | 25.7 |
| 6 | Region 26 | 15.6 | 14.9 | 16.6 | 12.2 | 11.9 | 12.8 | 18.8 | 18.1 | 19.8 | 31.4 | 30.2 | 32.8 | 22.1 | 20.4 | 24.1 | 77.9 | 75.9 | 79.6 | 30.8 | 27.6 | 34.3 | 18.9 | 16.4 | 22.1 |
| 1 | Region 27 | 15.0 | 15.0 | 15.0 | 11.5 | 11.5 | 11.5 | 18.7 | 18.7 | 18.7 | 29.8 | 29.8 | 29.8 | 25.1 | 25.1 | 25.1 | 74.9 | 74.9 | 74.9 | 31.2 | 31.2 | 31.2 | 22.0 | 22.0 | 22.0 |
| 19 | Region 28 | 15.0 | 11.9 | 16.9 | 12.5 | 11.7 | 13.4 | 20.1 | 18.6 | 21.6 | 31.1 | 27.4 | 34.3 | 21.2 | 18.3 | 24.3 | 78.8 | 75.7 | 81.7 | 33.5 | 28.8 | 39.8 | 23.4 | 19.5 | 28.5 |
| 7 | Region 30 | 14.2 | 13.2 | 15.6 | 13.2 | 12.7 | 13.9 | 19.1 | 18.5 | 20.0 | 31.3 | 29.1 | 32.8 | 22.2 | 21.2 | 23.6 | 77.8 | 76.4 | 78.8 | 33.6 | 31.6 | 35.7 | 28.6 | 24.0 | 31.6 |
| 2 | Region 31 | 14.1 | 13.9 | 14.3 | 12.5 | 12.4 | 12.6 | 19.0 | 18.5 | 19.5 | 31.5 | 31.4 | 31.5 | 22.9 | 22.4 | 23.5 | 77.1 | 76.5 | 77.6 | 30.9 | 30.7 | 31.1 | 18.4 | 18.1 | 18.7 |
| 16 | Region 32 | 15.1 | 12.3 | 17.8 | 12.9 | 12.3 | 14.0 | 19.1 | 18.4 | 20.5 | 30.5 | 28.3 | 34.3 | 22.3 | 20.7 | 24.1 | 77.7 | 75.9 | 79.3 | 31.9 | 29.1 | 34.7 | 22.1 | 18.8 | 25.3 |
| 6 | Region 33 | 13.4 | 12.6 | 14.0 | 11.9 | 11.6 | 12.7 | 19.3 | 17.7 | 22.4 | 31.4 | 29.7 | 34.1 | 24.0 | 21.2 | 26.9 | 76.0 | 73.1 | 78.8 | 36.3 | 31.9 | 39.8 | 29.4 | 22.5 | 39.6 |
| 28 | Region 34 | 14.8 | 12.9 | 17.3 | 12.9 | 11.6 | 14.4 | 19.6 | 18.3 | 22.9 | 31.1 | 26.9 | 33.7 | 21.6 | 19.0 | 24.3 | 78.4 | 75.7 | 81.0 | 30.3 | 24.3 | 33.5 | 20.8 | 17.7 | 24.9 |
| 5 | Region 35 | 14.1 | 13.4 | 14.7 | 13.6 | 13.0 | 14.1 | 20.1 | 19.1 | 21.6 | 31.2 | 29.5 | 32.7 | 21.0 | 17.7 | 22.1 | 79.0 | 77.9 | 82.3 | 32.0 | 30.0 | 34.3 | 23.6 | 21.3 | 26.8 |
| 13 | Region 36 | 13.4 | 12.3 | 14.4 | 12.6 | 11.8 | 13.5 | 18.8 | 17.9 | 20.1 | 32.4 | 30.8 | 34.1 | 22.8 | 19.7 | 25.4 | 77.2 | 74.6 | 80.3 | 30.0 | 27.0 | 33.7 | 20.7 | 16.4 | 24.2 |
| 254 | Ave WM 1 | 14.6 | 11.8 | 18.5 | 12.8 | 10.9 | 20.7 | 19.8 | 17.0 | 22.9 | 31.4 | 26.7 | 35.3 | 21.5 | 17.7 | 26.9 | 78.5 | 73.1 | 82.3 | 31.5 | 22.0 | 39.8 | 23.0 | 16.4 | 39.6 |
| | Min WM 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Max WM 1 | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 16: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2010/2011)
(continue)

| Number of samples | Region | Roff Milling | | | | | | | | | | | | Whiteness index | | | | | | | | | | | |
|--------------------|-----------------|--------------|------|------|-------------|------|------|-------------|------|------|-------------|------|------|-----------------|------|------|----------------------------|------|------|--------------------------|------|------|------------------------------|------|------|
| | | Break 1, % | | | Break 2, % | | | Break 3, % | | | Grits, % | | | Bran/Germ, % | | | Extraction, % (Total meal) | | | Whiteness index unsifted | | | Whiteness index sifted 87:13 | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| GRADE: WM 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Region 12 | 14.3 | 12.5 | 15.6 | 12.5 | 12.1 | 12.9 | 19.5 | 18.6 | 20.4 | 32.3 | 30.6 | 35.4 | 21.4 | 19.7 | 23.5 | 78.6 | 76.5 | 80.3 | 32.6 | 28.9 | 35.6 | 23.7 | 20.6 | 26.0 |
| 14 | Region 13 | 15.3 | 13.6 | 16.4 | 12.7 | 11.9 | 13.4 | 19.9 | 19.0 | 20.7 | 31.0 | 28.3 | 34.3 | 21.2 | 19.2 | 23.2 | 78.8 | 76.8 | 80.8 | 30.6 | 24.2 | 32.6 | 22.8 | 17.7 | 29.1 |
| 13 | Region 14 | 14.0 | 12.6 | 16.8 | 12.5 | 11.5 | 13.5 | 19.9 | 18.5 | 21.3 | 32.4 | 27.4 | 35.5 | 21.3 | 18.9 | 23.8 | 78.7 | 76.2 | 81.1 | 30.8 | 27.6 | 36.0 | 22.5 | 17.8 | 30.1 |
| 5 | Region 15 | 12.7 | 12.1 | 13.2 | 12.6 | 12.2 | 13.2 | 18.9 | 18.5 | 19.5 | 33.8 | 33.3 | 34.3 | 22.0 | 20.9 | 23.0 | 78.0 | 77.0 | 79.1 | 30.2 | 26.0 | 32.8 | 21.1 | 16.8 | 23.7 |
| 5 | Region 16 | 14.3 | 13.1 | 14.9 | 13.2 | 12.5 | 13.8 | 19.6 | 19.2 | 20.2 | 33.3 | 32.2 | 34.7 | 19.5 | 18.4 | 20.5 | 80.5 | 79.5 | 81.6 | 28.5 | 26.9 | 29.8 | 19.6 | 17.9 | 20.8 |
| 6 | Region 17 | 14.4 | 14.0 | 14.9 | 12.4 | 11.4 | 12.9 | 19.6 | 19.3 | 20.0 | 31.7 | 30.4 | 33.5 | 21.7 | 21.0 | 22.4 | 78.2 | 77.6 | 78.7 | 30.1 | 27.6 | 31.3 | 20.5 | 18.3 | 23.7 |
| 5 | Region 18 | 15.3 | 14.6 | 15.9 | 12.6 | 12.0 | 13.3 | 20.0 | 19.2 | 20.5 | 30.6 | 29.4 | 31.3 | 21.5 | 20.3 | 23.0 | 78.5 | 77.0 | 79.7 | 28.6 | 26.0 | 30.3 | 21.3 | 18.6 | 22.5 |
| 11 | Region 19 | 15.1 | 11.9 | 17.6 | 12.7 | 12.0 | 14.1 | 19.6 | 18.1 | 20.8 | 30.7 | 27.8 | 35.5 | 22.0 | 19.5 | 24.6 | 78.0 | 75.4 | 80.5 | 33.4 | 28.0 | 37.7 | 25.1 | 14.7 | 32.2 |
| 3 | Region 20 | 16.1 | 14.6 | 17.0 | 13.6 | 12.7 | 14.3 | 19.6 | 18.5 | 20.6 | 29.4 | 28.4 | 31.2 | 21.2 | 20.9 | 21.6 | 78.8 | 78.4 | 79.1 | 32.1 | 29.9 | 34.7 | 22.0 | 21.5 | 22.4 |
| 1 | Region 21 | 14.8 | 14.8 | 14.8 | 12.8 | 12.8 | 12.8 | 21.1 | 21.1 | 21.1 | 30.7 | 30.7 | 30.7 | 20.5 | 20.5 | 20.5 | 79.5 | 79.5 | 79.5 | 31.1 | 31.1 | 31.1 | 23.6 | 23.6 | 23.6 |
| 2 | Region 22 | 14.7 | 13.7 | 15.6 | 11.8 | 11.5 | 12.0 | 20.6 | 20.3 | 20.9 | 33.1 | 31.7 | 34.4 | 19.9 | 19.4 | 20.3 | 80.1 | 79.7 | 80.6 | 30.8 | 28.3 | 33.2 | 24.1 | 22.0 | 26.2 |
| 11 | Region 23 | 13.6 | 12.2 | 15.0 | 13.1 | 12.1 | 14.1 | 19.9 | 19.2 | 20.8 | 32.1 | 30.3 | 33.6 | 21.3 | 20.0 | 23.7 | 78.7 | 76.3 | 80.0 | 31.4 | 26.8 | 34.0 | 22.8 | 19.3 | 31.0 |
| 9 | Region 24 | 14.1 | 11.9 | 15.1 | 13.0 | 12.0 | 13.8 | 20.5 | 19.3 | 22.0 | 31.6 | 29.3 | 33.1 | 20.9 | 19.1 | 24.0 | 79.1 | 76.0 | 80.9 | 30.5 | 28.9 | 31.8 | 22.5 | 20.4 | 24.4 |
| 12 | Region 25 | 17.0 | 15.0 | 19.8 | 13.3 | 12.2 | 13.9 | 18.3 | 16.8 | 20.3 | 27.4 | 22.4 | 31.2 | 24.0 | 19.7 | 29.3 | 76.0 | 70.7 | 80.3 | 31.9 | 26.8 | 36.6 | 21.7 | 15.2 | 26.6 |
| 4 | Region 26 | 15.9 | 13.8 | 18.2 | 12.3 | 11.6 | 13.2 | 18.9 | 17.7 | 20.3 | 31.4 | 29.4 | 33.1 | 21.5 | 19.7 | 25.5 | 78.5 | 74.5 | 80.3 | 31.4 | 29.9 | 34.7 | 21.3 | 18.4 | 25.1 |
| 1 | Region 27 | 15.4 | 15.4 | 15.4 | 11.4 | 11.4 | 11.4 | 19.7 | 19.7 | 19.7 | 31.1 | 31.1 | 31.1 | 22.5 | 22.5 | 22.5 | 77.5 | 77.5 | 77.5 | 27.4 | 27.4 | 27.4 | 18.7 | 18.7 | 18.7 |
| 6 | Region 28 | 15.6 | 14.4 | 16.9 | 12.8 | 12.2 | 13.5 | 18.9 | 17.8 | 20.0 | 29.2 | 27.2 | 30.8 | 23.5 | 21.6 | 25.9 | 76.5 | 74.1 | 78.4 | 31.9 | 26.4 | 38.6 | 21.6 | 14.3 | 28.1 |
| 3 | Region 34 | 14.4 | 13.8 | 15.0 | 12.8 | 12.4 | 13.2 | 19.1 | 18.9 | 19.2 | 30.5 | 29.3 | 31.2 | 23.1 | 21.5 | 24.5 | 76.9 | 75.5 | 78.5 | 32.7 | 28.3 | 37.0 | 23.6 | 19.9 | 26.8 |
| 2 | Region 36 | 14.3 | 14.0 | 14.6 | 13.1 | 12.9 | 13.3 | 19.3 | 18.3 | 20.2 | 32.0 | 31.7 | 32.3 | 21.3 | 19.5 | 23.0 | 78.7 | 77.0 | 80.5 | 29.1 | 27.2 | 31.0 | 20.5 | 19.3 | 21.8 |
| 124 | Ave WM 2 | 14.8 | | | 12.8 | | | 19.6 | | | 31.2 | | | 21.7 | | | 78.3 | | | 31.2 | | | 22.4 | | |
| | Min WM 2 | 11.9 | | | 11.4 | | | 16.8 | | | 22.4 | | | 18.4 | | | 70.7 | | | 24.2 | | | 14.3 | | |
| | Max WM 2 | 19.8 | | | 14.3 | | | 22.0 | | | 35.5 | | | 29.3 | | | 81.6 | | | 38.6 | | | 32.2 | | |

TABLE 16: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE (2010/2011)

| Number of samples | Region | Roﬀ Milling | | | | | | | | | | | | Whiteness index | | | | | | | | | | | |
|---------------------|-----------|-------------|------|------|------------|------|------|------------|------|------|----------|------|------|-----------------|------|------|----------------------------|------|------|--------------------------|------|------|------------------------------|-------|------|
| | | Break 1, % | | | Break 2, % | | | Break 3, % | | | Grits, % | | | Bran/Germ, % | | | Extraction, % (Total meal) | | | Whiteness index unsifted | | | Whiteness index sifted 87:13 | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| GRADE: WHITE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Region 08 | 13.8 | 13.8 | 13.8 | 12.7 | 12.7 | 12.7 | 19.5 | 19.5 | 19.5 | 32.4 | 32.4 | 32.4 | 21.6 | 21.6 | 21.6 | 78.4 | 78.4 | 78.4 | 31.8 | 31.8 | 31.8 | 28.5 | 28.5 | 28.5 |
| 21 | Region 12 | 14.0 | 12.5 | 15.6 | 12.5 | 12.0 | 13.1 | 20.0 | 18.6 | 21.8 | 32.5 | 29.7 | 35.4 | 21.0 | 19.2 | 23.5 | 79.0 | 76.5 | 80.8 | 32.4 | 28.9 | 35.6 | 23.9 | 20.6 | 26.0 |
| 29 | Region 13 | 15.0 | 12.0 | 16.4 | 12.7 | 11.5 | 13.7 | 19.9 | 18.7 | 20.9 | 31.0 | 28.3 | 35.3 | 21.4 | 19.2 | 24.6 | 78.6 | 75.4 | 80.8 | 31.3 | 24.2 | 37.0 | 23.9 | 17.7 | 30.3 |
| 31 | Region 14 | 14.3 | 12.6 | 17.8 | 12.6 | 11.5 | 14.1 | 19.8 | 18.4 | 21.5 | 32.0 | 27.0 | 35.5 | 21.3 | 18.9 | 24.0 | 78.7 | 76.0 | 81.1 | 30.9 | 26.9 | 36.0 | 22.5 | 16.1 | 30.1 |
| 10 | Region 15 | 12.7 | 12.1 | 13.2 | 12.5 | 12.1 | 13.2 | 19.0 | 18.3 | 19.8 | 34.1 | 33.3 | 35.6 | 21.8 | 19.2 | 23.0 | 78.2 | 77.0 | 80.8 | 30.1 | 23.0 | 32.8 | 21.3 | 16.8 | 23.7 |
| 14 | Region 16 | 14.1 | 12.0 | 15.6 | 12.9 | 11.8 | 13.8 | 19.6 | 18.7 | 20.8 | 33.1 | 30.1 | 35.2 | 20.3 | 18.4 | 21.8 | 79.7 | 78.2 | 81.6 | 29.9 | 26.9 | 32.3 | 21.6 | 17.9 | 24.5 |
| 30 | Region 17 | 15.0 | 14.0 | 16.5 | 13.0 | 11.4 | 20.7 | 19.7 | 18.0 | 21.4 | 31.1 | 27.9 | 33.5 | 21.2 | 18.0 | 23.9 | 78.8 | 76.1 | 82.0 | 30.5 | 25.3 | 36.2 | 23.2 | 17.0 | 30.2 |
| 21 | Region 18 | 15.1 | 13.0 | 16.4 | 12.7 | 12.0 | 13.3 | 20.1 | 18.8 | 21.1 | 30.8 | 29.1 | 33.8 | 21.3 | 19.9 | 23.0 | 78.7 | 77.0 | 80.1 | 30.2 | 26.0 | 33.7 | 23.4 | 18.6 | 28.2 |
| 26 | Region 19 | 15.1 | 11.9 | 18.4 | 12.7 | 11.7 | 14.6 | 19.7 | 17.0 | 21.5 | 30.6 | 26.1 | 35.5 | 21.9 | 19.5 | 26.3 | 78.1 | 73.7 | 80.5 | 31.4 | 24.5 | 37.7 | 23.1 | 14.7 | 32.2 |
| 14 | Region 20 | 15.4 | 13.1 | 18.0 | 13.0 | 12.0 | 14.3 | 19.6 | 18.3 | 20.6 | 30.6 | 26.1 | 33.5 | 21.4 | 19.0 | 23.6 | 78.6 | 76.4 | 81.0 | 26.3 | 48.7 | 35.4 | 18.0 | -63.0 | 32.2 |
| 9 | Region 21 | 14.4 | 12.6 | 16.9 | 12.4 | 11.8 | 13.1 | 20.8 | 18.9 | 22.7 | 31.7 | 26.7 | 34.8 | 20.8 | 18.0 | 24.9 | 79.2 | 75.1 | 82.0 | 30.7 | 25.1 | 38.3 | 23.0 | 17.0 | 28.9 |
| 10 | Region 22 | 14.5 | 13.3 | 15.6 | 12.3 | 11.4 | 13.6 | 20.2 | 18.8 | 21.2 | 32.7 | 30.7 | 34.9 | 20.2 | 18.4 | 22.0 | 79.8 | 78.0 | 81.6 | 30.8 | 27.1 | 35.1 | 23.3 | 18.9 | 28.3 |
| 27 | Region 23 | 13.8 | 11.8 | 16.2 | 13.0 | 10.9 | 14.1 | 20.0 | 18.8 | 20.8 | 32.0 | 27.9 | 34.7 | 21.2 | 18.8 | 23.7 | 78.8 | 76.3 | 81.2 | 31.7 | 26.8 | 39.9 | 23.0 | 16.4 | 31.0 |
| 21 | Region 24 | 14.0 | 11.9 | 15.9 | 13.0 | 11.7 | 13.9 | 20.6 | 19.3 | 22.0 | 31.3 | 27.1 | 34.5 | 21.0 | 18.5 | 24.0 | 79.0 | 76.0 | 81.5 | 29.7 | 22.0 | 32.8 | 21.7 | 16.7 | 24.7 |
| 19 | Region 25 | 16.8 | 14.3 | 19.8 | 13.2 | 12.2 | 13.9 | 18.5 | 16.8 | 20.3 | 27.8 | 22.4 | 31.2 | 23.7 | 19.7 | 29.3 | 76.3 | 70.7 | 80.3 | 31.2 | 25.3 | 36.6 | 21.2 | 15.2 | 26.6 |
| 10 | Region 26 | 15.7 | 13.8 | 18.2 | 12.2 | 11.6 | 13.2 | 18.8 | 17.7 | 20.3 | 31.4 | 29.4 | 33.1 | 21.8 | 19.7 | 25.5 | 78.2 | 74.5 | 80.3 | 31.0 | 27.6 | 34.7 | 19.9 | 16.4 | 25.1 |
| 2 | Region 27 | 15.2 | 15.0 | 15.4 | 11.5 | 11.4 | 11.5 | 19.2 | 18.7 | 19.7 | 30.4 | 29.8 | 31.4 | 23.8 | 22.5 | 25.1 | 76.2 | 74.9 | 77.5 | 29.3 | 27.4 | 31.2 | 20.4 | 18.7 | 22.0 |
| 25 | Region 28 | 15.2 | 11.9 | 16.9 | 12.6 | 11.7 | 13.5 | 19.8 | 17.8 | 21.6 | 30.7 | 27.2 | 34.3 | 21.8 | 18.3 | 25.9 | 78.2 | 74.1 | 81.7 | 33.1 | 26.4 | 39.8 | 23.0 | 14.3 | 28.5 |
| 7 | Region 30 | 14.2 | 13.2 | 15.6 | 13.2 | 12.7 | 13.9 | 19.1 | 18.5 | 20.0 | 31.3 | 29.1 | 32.8 | 22.2 | 21.2 | 23.6 | 77.8 | 76.4 | 78.8 | 33.6 | 31.6 | 35.7 | 28.6 | 24.0 | 31.6 |
| 2 | Region 31 | 14.1 | 13.9 | 14.3 | 12.5 | 12.4 | 12.6 | 19.0 | 18.5 | 19.5 | 31.5 | 31.4 | 31.5 | 22.9 | 22.4 | 23.5 | 77.1 | 76.5 | 77.6 | 30.9 | 30.7 | 31.1 | 18.4 | 18.1 | 18.7 |
| 16 | Region 32 | 15.1 | 12.3 | 17.8 | 12.9 | 12.3 | 14.0 | 19.1 | 18.4 | 20.5 | 30.5 | 28.3 | 34.3 | 22.3 | 20.7 | 24.1 | 77.7 | 75.9 | 79.3 | 31.9 | 29.1 | 34.7 | 22.1 | 18.8 | 25.3 |
| 6 | Region 33 | 13.4 | 12.6 | 14.0 | 11.9 | 11.6 | 12.7 | 19.3 | 17.7 | 22.4 | 31.4 | 29.7 | 34.1 | 24.0 | 21.2 | 26.9 | 76.0 | 73.1 | 78.8 | 36.3 | 31.9 | 39.8 | 29.4 | 22.5 | 39.6 |
| 31 | Region 34 | 14.8 | 12.9 | 17.3 | 12.9 | 11.6 | 14.4 | 19.5 | 18.3 | 22.9 | 31.1 | 26.9 | 33.7 | 21.7 | 19.0 | 24.5 | 78.3 | 75.5 | 81.0 | 30.6 | 24.3 | 37.0 | 21.0 | 17.7 | 26.8 |
| 5 | Region 35 | 14.1 | 13.4 | 14.7 | 13.6 | 13.0 | 14.1 | 20.1 | 19.1 | 21.6 | 31.2 | 29.5 | 32.7 | 21.0 | 17.7 | 22.1 | 79.0 | 77.9 | 82.3 | 32.0 | 30.0 | 34.3 | 23.6 | 21.3 | 26.8 |
| 15 | Region 36 | 13.5 | 12.3 | 14.6 | 12.6 | 11.8 | 13.5 | 18.9 | 17.9 | 20.2 | 32.3 | 30.8 | 34.1 | 22.6 | 19.5 | 25.4 | 77.4 | 74.6 | 80.5 | 29.9 | 27.0 | 33.7 | 20.7 | 16.4 | 24.2 |
| 402 | Ave white | 14.7 | 11.8 | 19.8 | 12.8 | 10.9 | 20.7 | 19.7 | 16.8 | 22.9 | 31.3 | 22.4 | 35.6 | 21.6 | 17.7 | 29.3 | 78.4 | 70.7 | 82.3 | 31.0 | 48.7 | 39.9 | 22.5 | -63.0 | 39.6 |
| | Min white | | | | | | | | | | | | | | | | | | | | | | | | |
| | Max white | | | | | | | | | | | | | | | | | | | | | | | | |