

## IMPROVEMENT TROPHY RESULTS 2016

| Year         | Cross Country Trophy |     |      |     |    |      |     | Relay Trophy |     |     |     |    |    |     |
|--------------|----------------------|-----|------|-----|----|------|-----|--------------|-----|-----|-----|----|----|-----|
|              | NSW                  | VIC | QLD  | ACT | WA | SA   | TAS | NSW          | VIC | QLD | ACT | WA | SA | TAS |
| 2005 Results | 99                   | 92  | 89   | 51  | 28 | 55   | 41  | 113          | 100 | 96  | 37  | 28 | 70 | 39  |
| 2006 Results | 98                   | 97  | 83   | 45  | 22 | 53   | 48  | 105          | 104 | 90  | 42  | 36 | 57 | 43  |
| 2007 Results | 152                  | 102 | 138  | 33  | 48 | 46   | 23  | 120          | 98  | 117 | 34  | 62 | 68 | 27  |
| 2008 Results | 71                   | 61  | 64.5 | 24  | 17 | 25.5 | 0   | 61           | 55  | 60  | 20  | 12 | 25 | 0   |
| 2009 Results | 86.5                 | 64  | 81.5 | 23  | 23 | 34   | 18  | 74           | 70  | 73  | 22  | 19 | 37 | 17  |
| 2010 Results | 90.5                 | 65  | 86.5 | 28  | 25 | 31   | 14  | 70           | 57  | 67  | 26  | 23 | 36 | 9   |
| 2011 Results | 86                   | 73  | 88   | 35  | 25 | 31   | 17  | 79           | 62  | 70  | 30  | 20 | 32 | 18  |
| 2012 Results | 90                   | 61  | 76   | 31  | 18 | 37   | 6   | 74           | 64  | 66  | 33  | 15 | 40 | 9   |
| 2013 Results | 91                   | 62  | 87   | 29  | 27 | 30   | 26  | 87           | 66  | 73  | 30  | 26 | 35 | 31  |
| 2014 Results | 78                   | 66  | 76   | 18  | 33 | 29   | 9   | 71           | 57  | 70  | 27  | 36 | 26 | 5   |
| 2015 Results | 80                   | 74  | 74   | 28  | 40 | 36   | 6   | 83           | 70  | 75  | 32  | 42 | 39 | 12  |

|                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Average 2013-2015 | 83.0 | 67.3 | 79.0 | 25.0 | 33.3 | 31.7 | 13.7 | 80.3 | 64.3 | 72.7 | 29.7 | 34.7 | 33.3 | 16.0 |
| Std Dev 2013-2015 | 5.7  | 5.0  | 5.7  | 5.0  | 5.3  | 3.1  | 8.8  | 6.8  | 5.4  | 2.1  | 2.1  | 6.6  | 5.4  | 11.0 |

|              |      |       |      |      |       |      |       |      |      |      |       |      |      |       |
|--------------|------|-------|------|------|-------|------|-------|------|------|------|-------|------|------|-------|
| 2016 Results | 87   | 63    | 86   | 27   | 32    | 39   | 8     | 83   | 70   | 81   | 26    | 39   | 45   | 8     |
| 2016 Z Score | 0.70 | -0.87 | 1.22 | 0.40 | -0.25 | 2.37 | -0.64 | 0.39 | 1.04 | 4.06 | -1.78 | 0.66 | 2.15 | -0.73 |
| 2016 Rank    | 3    | 7     | 2    | 4    | 5     | 1    | 6     | 5    | 3    | 1    | 7     | 4    | 2    | 6     |

| Aggregate Trophy |     |       |     |     |      |     |
|------------------|-----|-------|-----|-----|------|-----|
| NSW              | VIC | QLD   | ACT | WA  | SA   | TAS |
| 212              | 192 | 185   | 88  | 56  | 125  | 80  |
| 203              | 201 | 173   | 87  | 58  | 110  | 91  |
| 272              | 200 | 255   | 67  | 110 | 114  | 50  |
| 132              | 116 | 124.5 | 44  | 29  | 50.5 | 0   |
| 160.5            | 134 | 154.5 | 45  | 42  | 71   | 35  |
| 160.5            | 122 | 153.5 | 54  | 48  | 67   | 23  |
| 165              | 135 | 158   | 65  | 45  | 63   | 35  |
| 164              | 125 | 142   | 64  | 33  | 77   | 15  |
| 178              | 128 | 160   | 59  | 53  | 65   | 57  |
| 149              | 123 | 146   | 45  | 69  | 55   | 14  |
| 163              | 144 | 149   | 60  | 82  | 75   | 18  |

|       |       |       |      |      |      |      |
|-------|-------|-------|------|------|------|------|
| 163.3 | 131.7 | 151.7 | 54.7 | 68.0 | 65.0 | 29.7 |
| 11.8  | 9.0   | 6.0   | 6.8  | 11.9 | 8.2  | 19.4 |

|       |       |       |       |       |      |       |
|-------|-------|-------|-------|-------|------|-------|
| 155   | 116   | 145   | 48    | 67    | 76   | 14    |
| -0.70 | -1.75 | -1.11 | -0.97 | -0.08 | 1.35 | -0.81 |
| 3     | 7     | 6     | 5     | 2     | 1    | 4     |