$$TSS = 100 \times \frac{\left(\frac{TSR_1}{m_1}\right)(n_1) + \left(\frac{TSR_2}{m_2}\right)(n_2) + \ldots + \left(\frac{TSR_k}{m_k}\right)(n_k)}{n_1 + n_2 + \ldots + n_k}$$