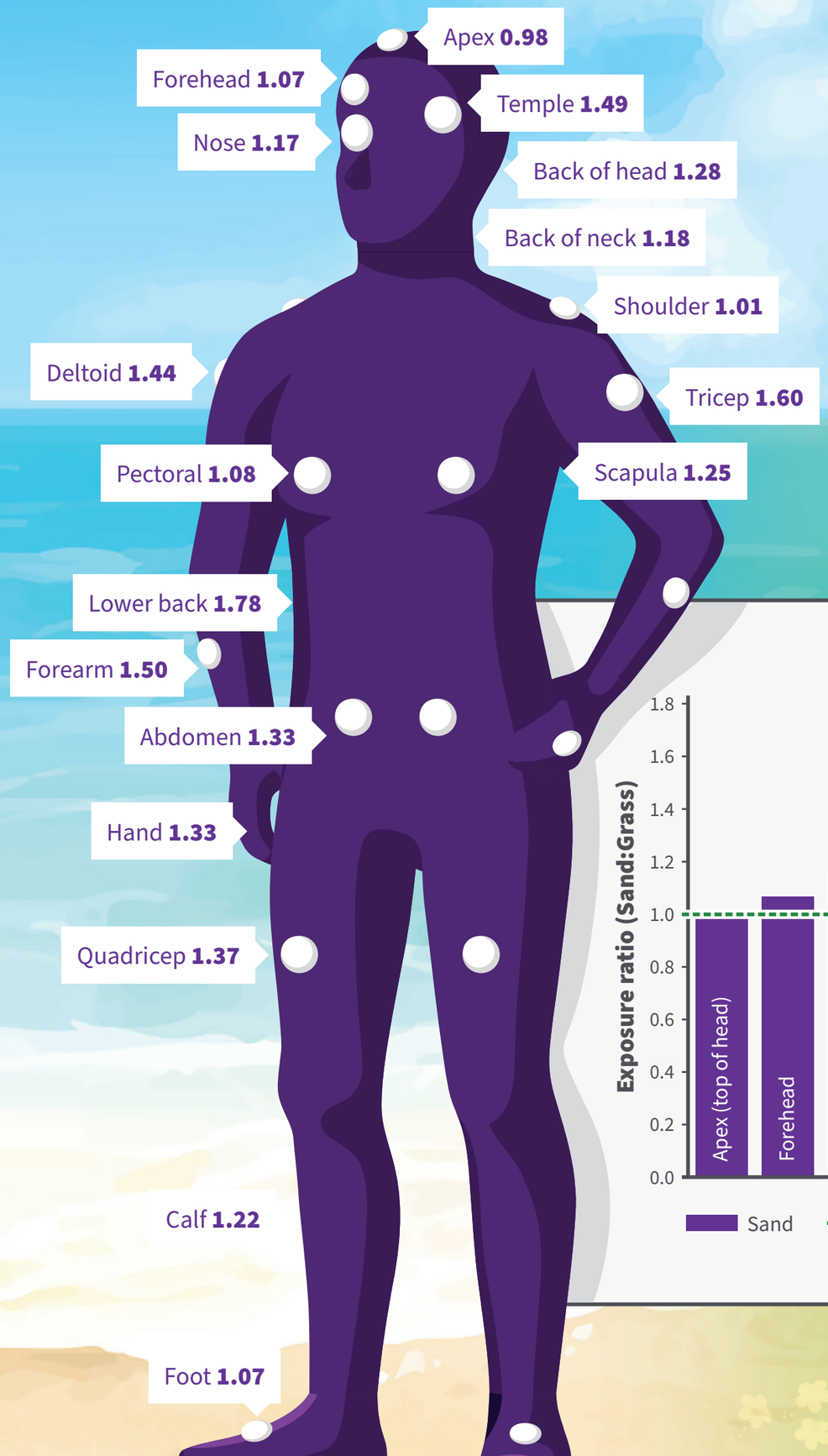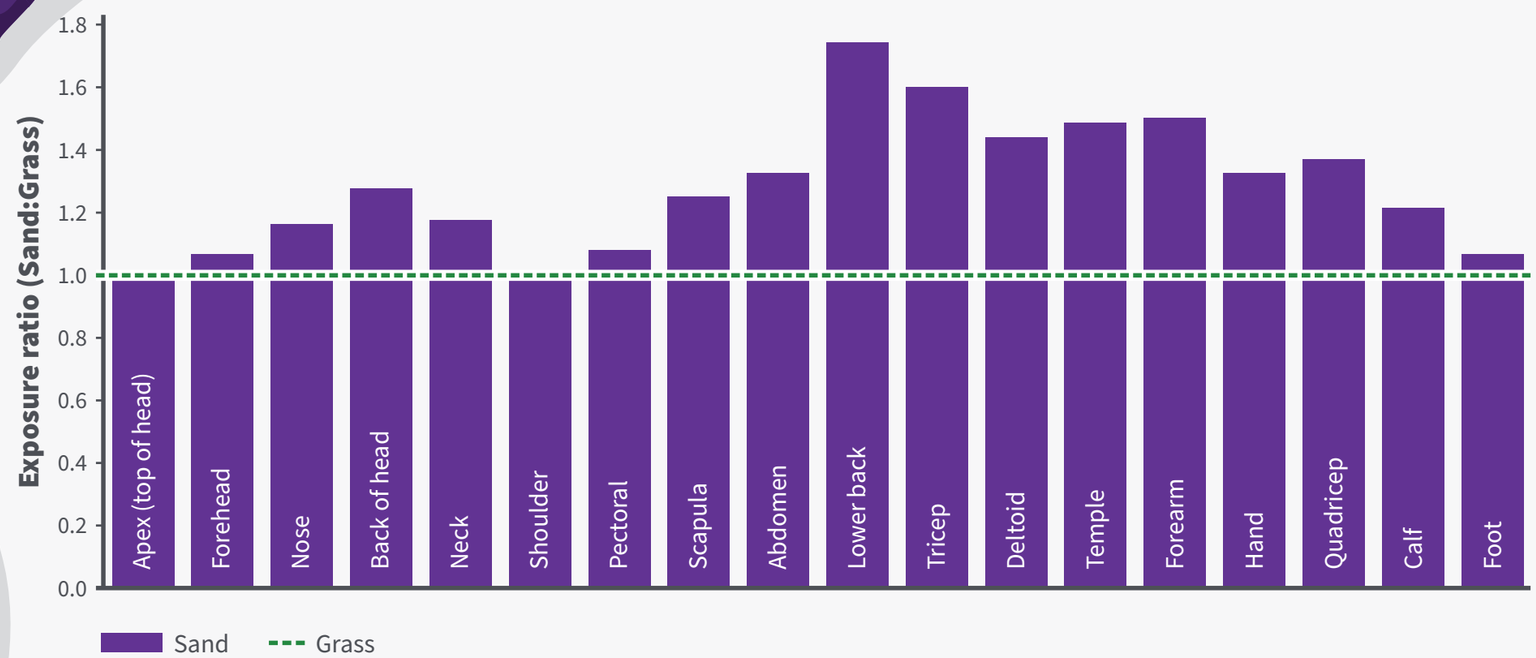Ratio of ultraviolet radiation exposure on sand to ultraviolet radiation exposure on grass