

## Anatomy & Physiology: Bones—Skull.

### STRUCTURE.

**Cranial bones:** frontal bone, 2 parietal bones, 2 temporal bones, occipital bone, sphenoid bone, ethmoid bone.

**Facial bones:** 2 nasal bones, 2 maxillae, 2 zygomatic bones, mandible, 2 lacrimal bones, 2 palatine bones, 2 inferior nasal conchae, vomer.

- Except for the auditory ossicles, the mandible is the only moveable bone of the skull.
- Sutures: immoveable joints that hold the skull together.

### FUNCTION.

- Protects, supports, and stabilizes brain, sense organs, nerves, and vessels.
- Serves as attachment sites for muscles and membranes (meninges).

### CLINICAL SIGNIFICANCE.

## References

Biel, A. (2015). *Trail guide to the body: A hands-on guide to locating muscles, bones and more.*

Jenkins, G., & Tortora, G. J. (2012). *Anatomy and Physiology: From Science to Life, 3rd Edition International Stu.* John Wiley & Sons.

Muscolino, J. E. (2017). *The muscular system manual: The skeletal muscles of the human body.*