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# WONDEROPOLIS INQUIRY PROJECT

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## Do All Mammals Have the Same Heartbeat?

### Have you ever wondered...

- Do all mammals have the same heartbeat?
- Why do some mammals have slow heartbeats?
- Why do some mammals have really fast heartbeats?

### Did you know?

Have you ever wondered about a mammal's or human heartbeat per minute? Are they all the same? Different the mammal the different the heartbeat. An elephant's heartbeats 30 Beats Per Minute. A chipmunk's heartbeats 400 Beats Per Minute.

Why do some mammals have slow heartbeats? Thump! Thump! Guess what that is? This is a [mammals](#) slow heartbeat. Some mammals have slow heartbeats because some [hibernate](#), like bears. Bears [heart rate](#) slows down from 55 to 14. They can really slow down their heart! Some other animals who have slow heartbeats are whales and elephants. A whale has a longer [life span](#) so its heartbeat is slower. A whale can live up to 70 years. Their heart can beat 20 beats per minute.

Why do some mammals have really fast heartbeats? One reason why smaller mammals have faster heartbeats is because smaller mammals are [constantly](#) watching out for danger and if there is some danger they will have to react really fast. Also another way is that a fast heart and breathing rate [ensures](#) that enough [oxygen](#) is being put into the [bloodstream](#) to allow the mammal to move quickly without getting tired, or eaten. A dogs life span is about 13 years. their heart beats 90 BeatsPer Minute. A Human can live much longer! A hamster can live up to 4 years! Their heartbeats 400 Beats Per Minute. That is really fast!

So the bigger the animal the slower the heartbeat usually is.

### Wonder words to know and use:

- hibernate
- heart rate

- lifespan
- mammals
- bloodstream
- constantly
- oxygen
- ensures