



SLOW

PERSON WALKING **3** mph  
4.8 km/h

FASTEST RUNNING HUMAN **27** mph  
43.5 km/h

RACE HORSE **55** mph  
88.5 km/h

CHEETAH **70** mph  
112.6 km/h

PEREGRINE FALCON **200** mph  
322 km/h

FASTER

PASSENGER JET **500** mph  
805 km/h

SPEEDING BULLET **1,700** mph  
2,736 km/h

FASTER YET

SPACE SHUTTLE **18,000** mph  
29,000 km/h

BLAZING!

NEW HORIZONS **34,000** mph  
55,000 km/h

## Up to speed with NASA's New Horizons spacecraft...

- The Apollo spacecraft reached the Moon in three days. New Horizons reached the moon in nine hours! At that speed New Horizons could travel to New York from Los Angeles in four minutes!
- The propulsion system on New Horizons is used for course corrections and pointing the spacecraft, not for speed.
- New Horizons' speed was set entirely by the launch vehicle and a boost from Jupiter's gravity. Flying around Jupiter in 2007 flung New Horizons like a slingshot and added 9,000 mph to its speed. These "gravity assists" are used to get spacecraft to their targets in less time using less fuel.

# New Horizons is fast

