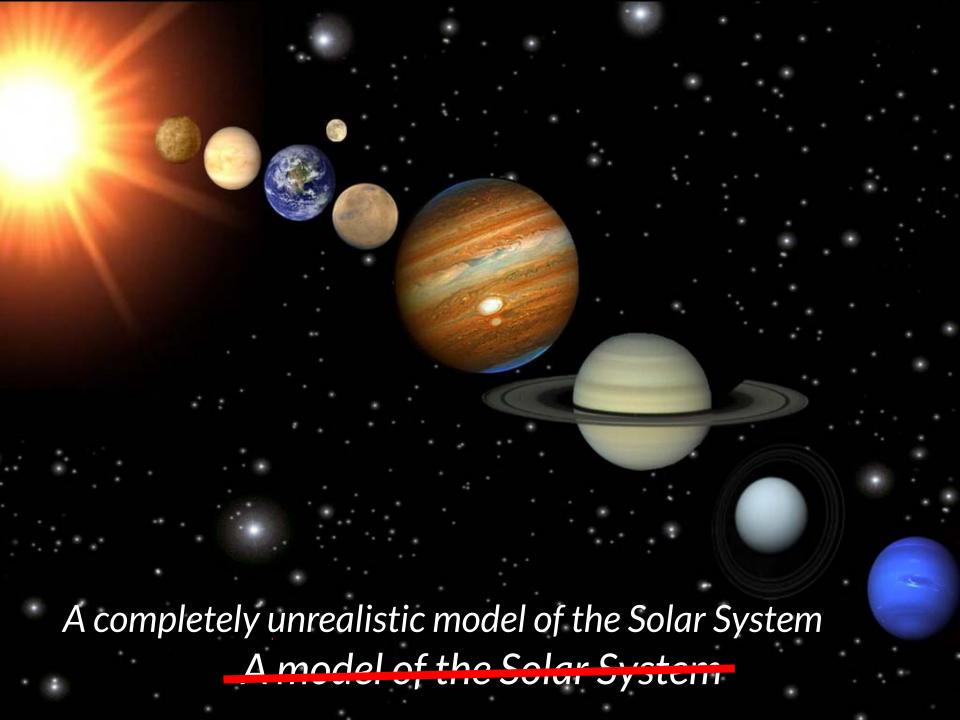
## Living Simply Looking at the big picture

#3



The earth seen from Apollo 17 (7 Dec 1972)





On 14 Feb 1990 as it left the Solar System (Heliosphere) the Voyager 1 was 6,054,587,000km from earth.



On 25 Aug 2012 it entered interstellar Space, still travelling at 58,000km/h.

Pale Blue Dot The earth seen from Voyager 1, launched on 5 Sep 1977



#### Space is rather large

We are in a solar system.

In our Galaxy, there are around 100,000,000,000 solar systems.

Most galaxies have similar numbers of stars & solar systems.

It was believed that there were around 150 – 200 billion galaxies.

#### Space is rather large

It was believed that there were around 200 billion galaxies.

Last week, a group of international scientists announced that they were wrong.

They now think that there are 10 times that many galaxies.

Perhaps 2 trillion is a better guess.

#### Space is rather large

Which means there are 2 trillion galaxies with around 100 billion stars each and perhaps 10 planets.

ie 2,000,000,000,000 galaxies x 100,000,000,000 stars

200,000,000,000,000,000,000 stars in the universe

#### 200,000,000,000,000,000,000 stars in the universe

The world population is

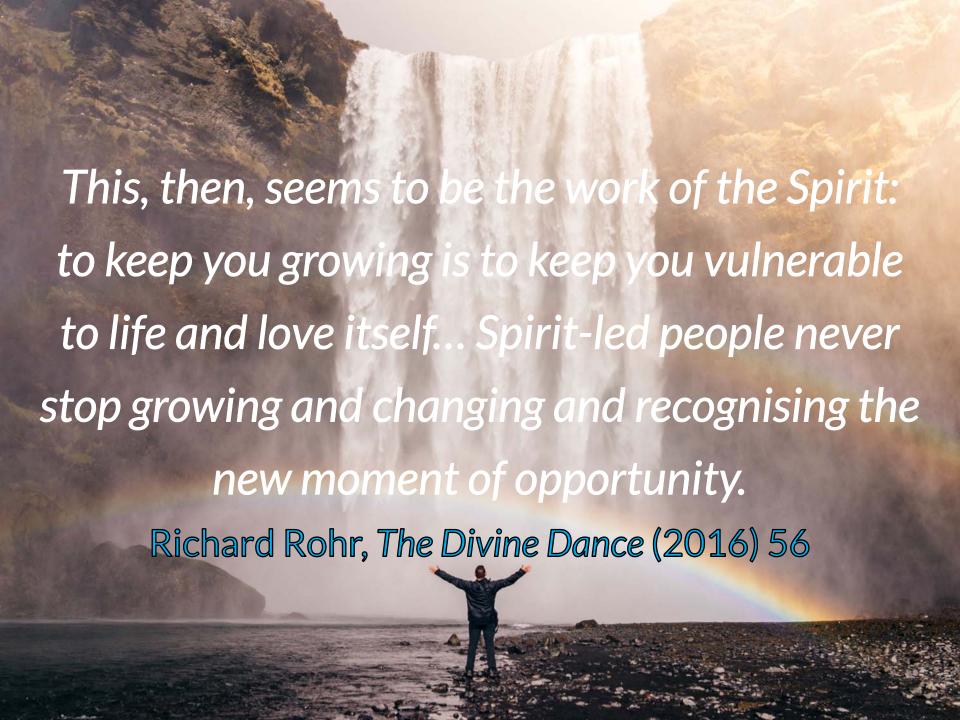
7,458,450,000

Which means there is

26,815,000,000

stars per person





# not just stuff... not just choices... attitudes too God be merciful to me a sinner



### Joy ride