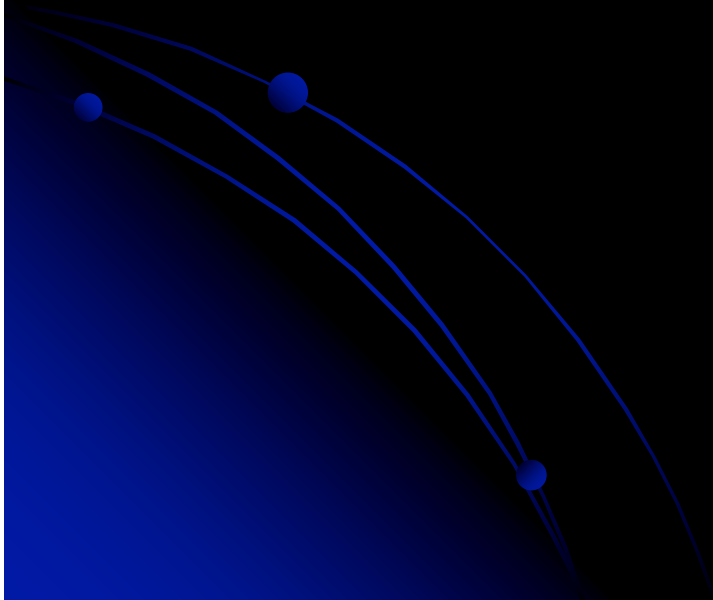
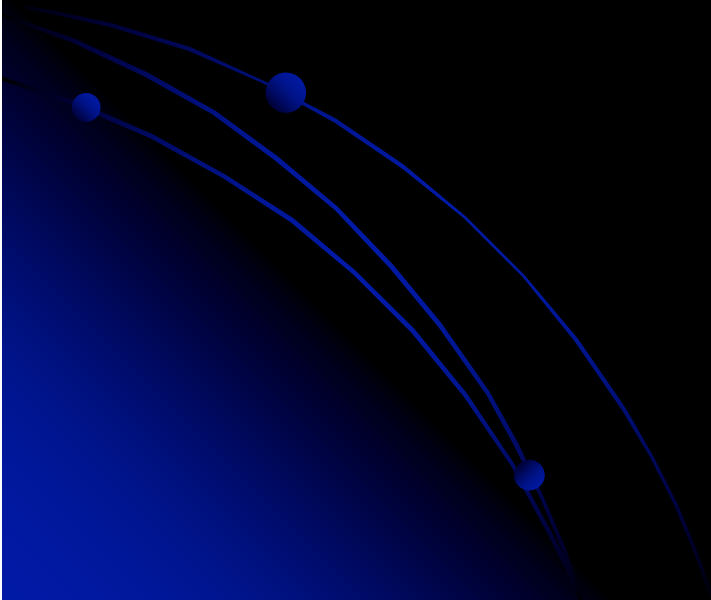


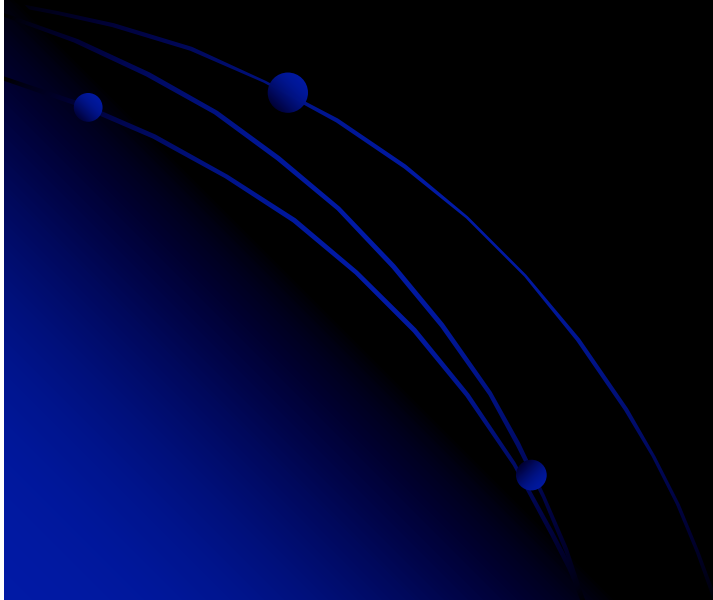
Did You Know . . .



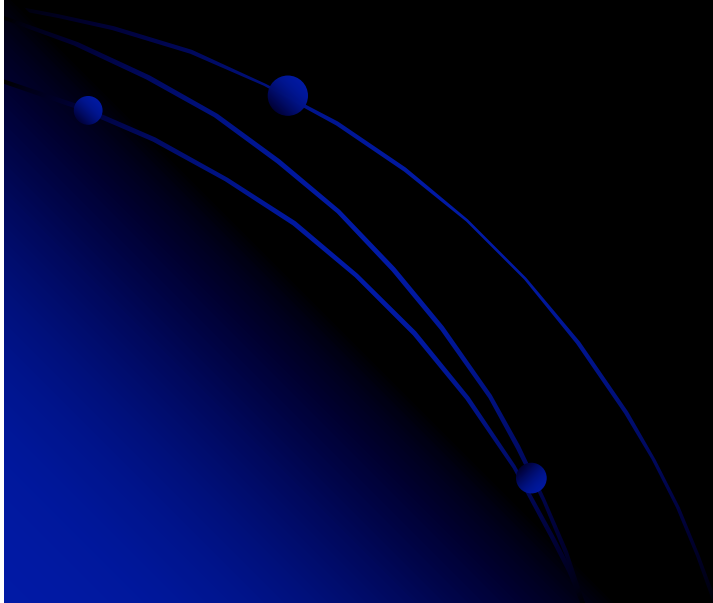
Sometimes size *does* matter.



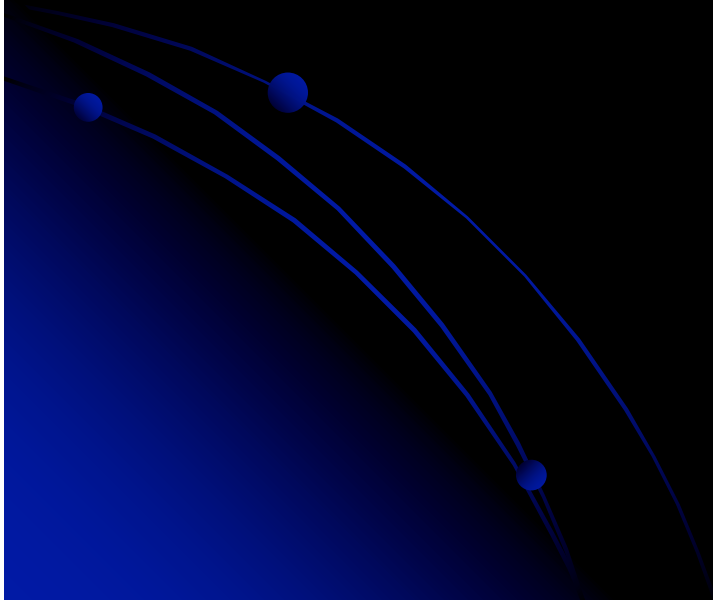
**If you're one in a million in
China . . .**



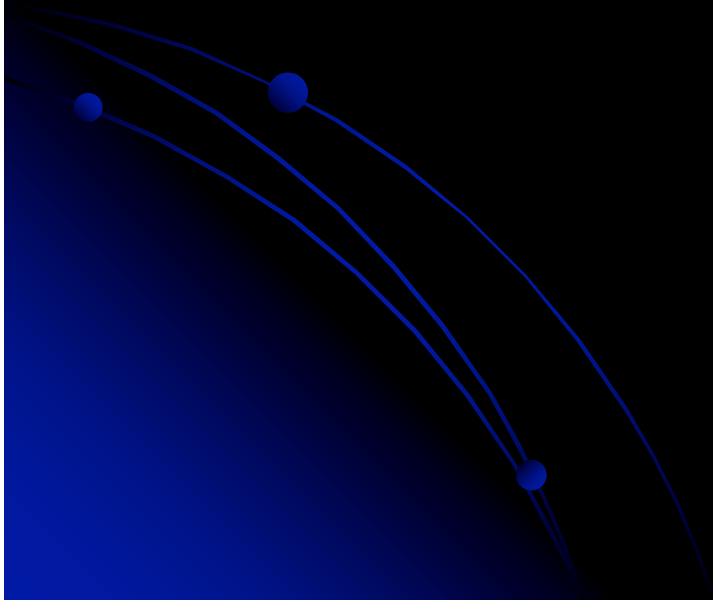
**There are 1,300 people just
like you.**



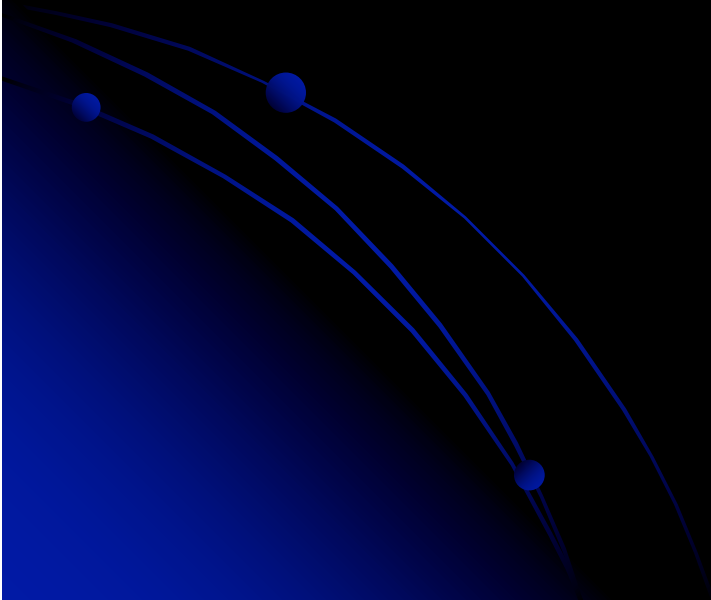
**In India, there are 1,100
people just like you.**



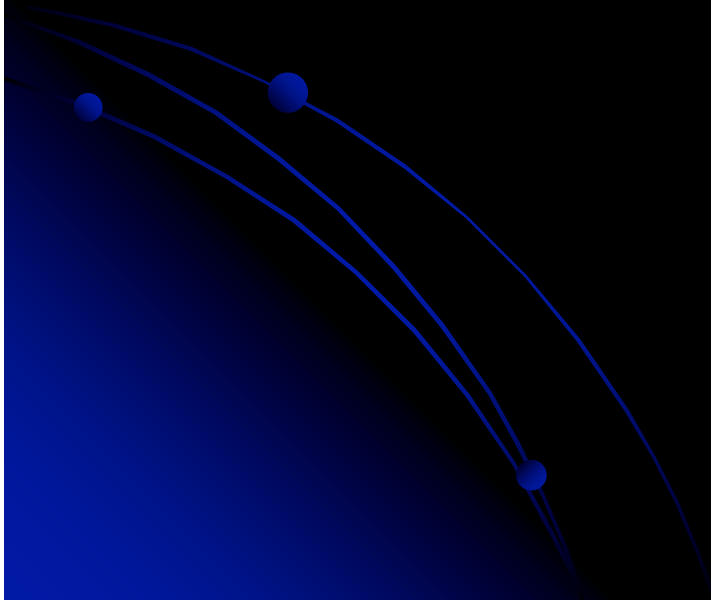
**The 25% of the population in
China with the highest IQ's . . .**



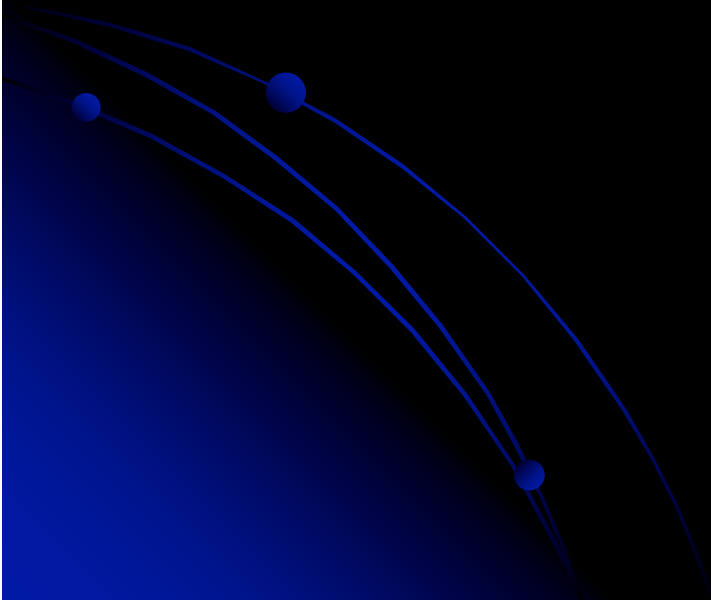
**Is greater than the total
population of North America.**



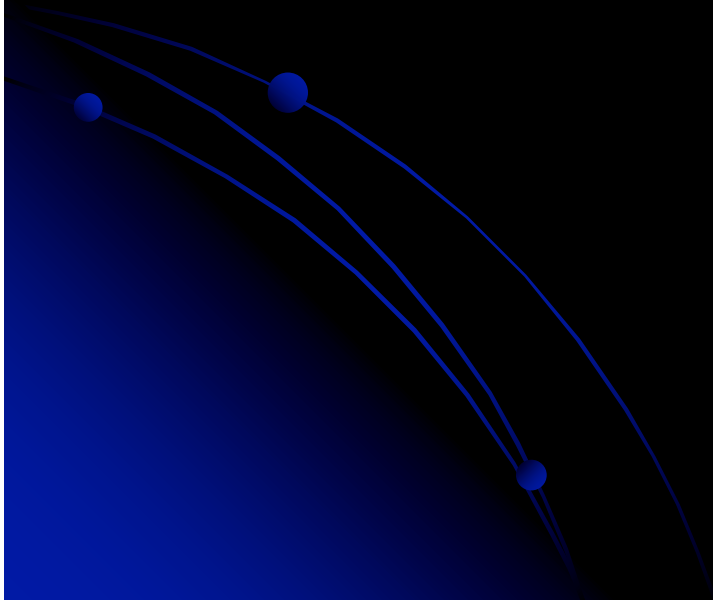
In India, it's the top 28%.



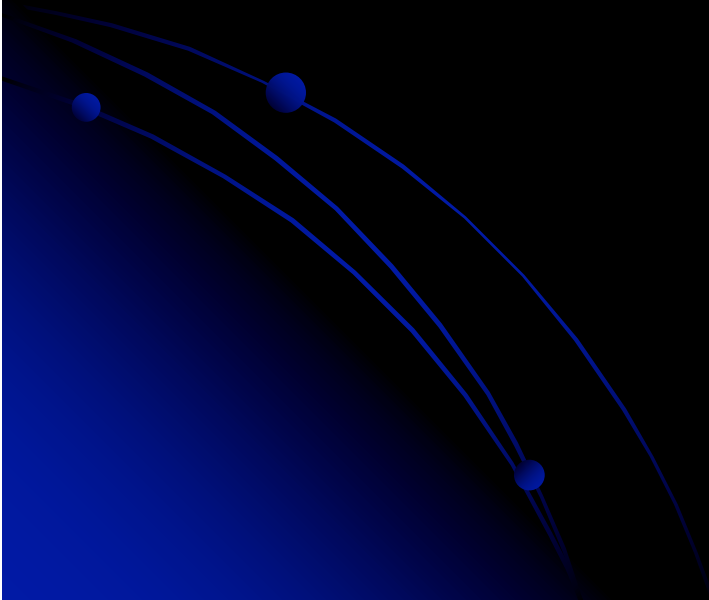
**Translation for teachers:
They have more honors kids
than we have kids.**



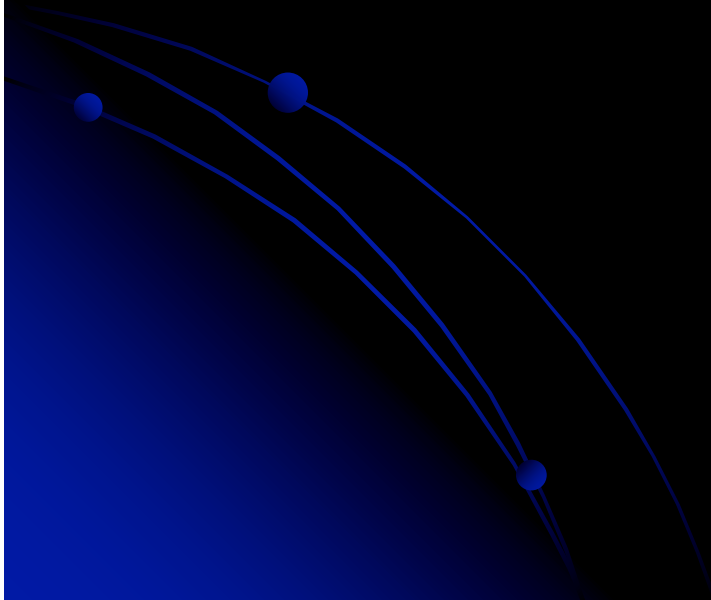
Did you know . . .



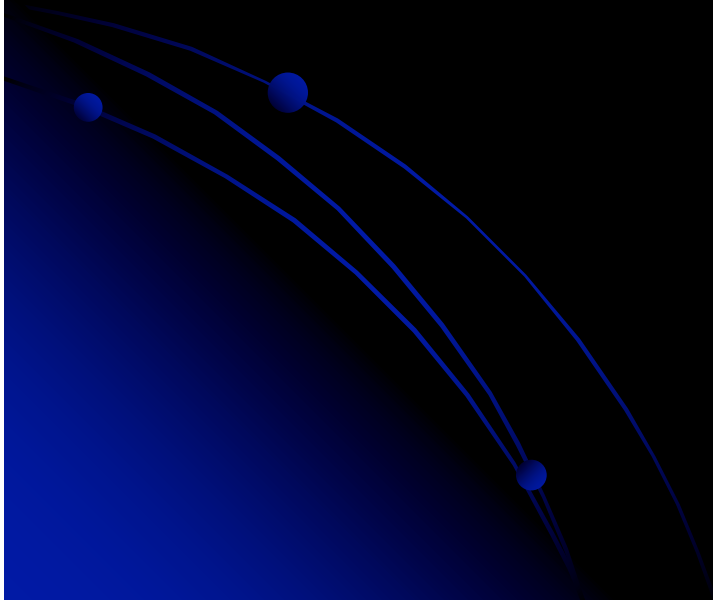
**China will soon become the
number one English speaking
country in the world.**



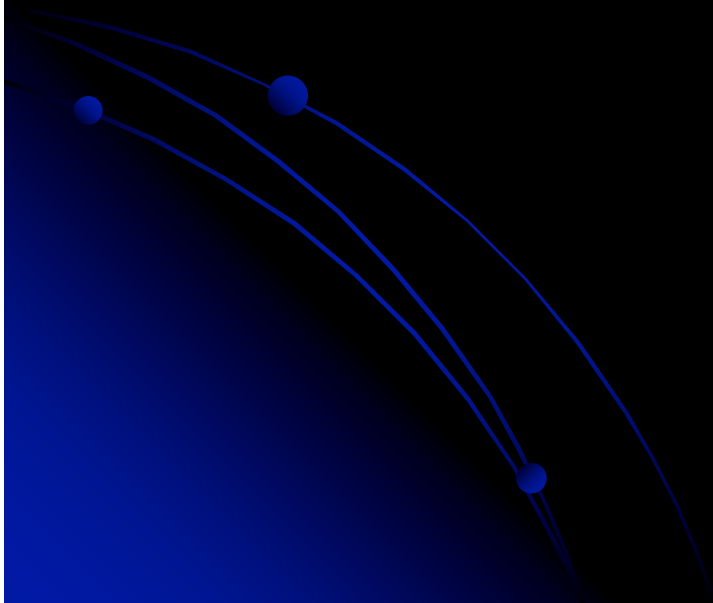
**If you took every single job in
the U.S. today and shipped it to
China . . .**

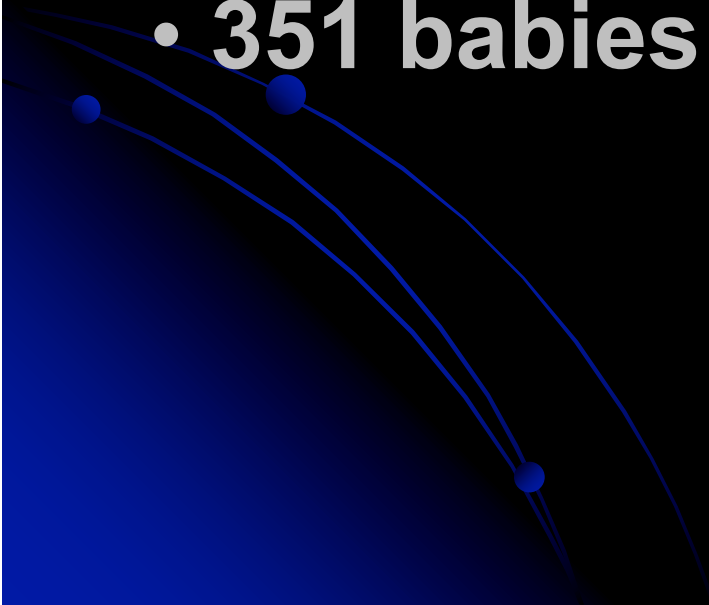


China would still have a labor surplus.

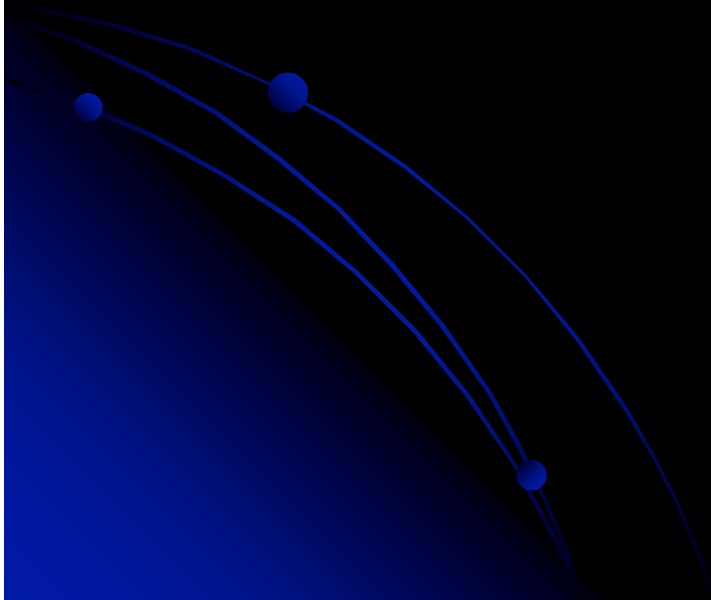


**During the course of this 8
minute presentation . . .**

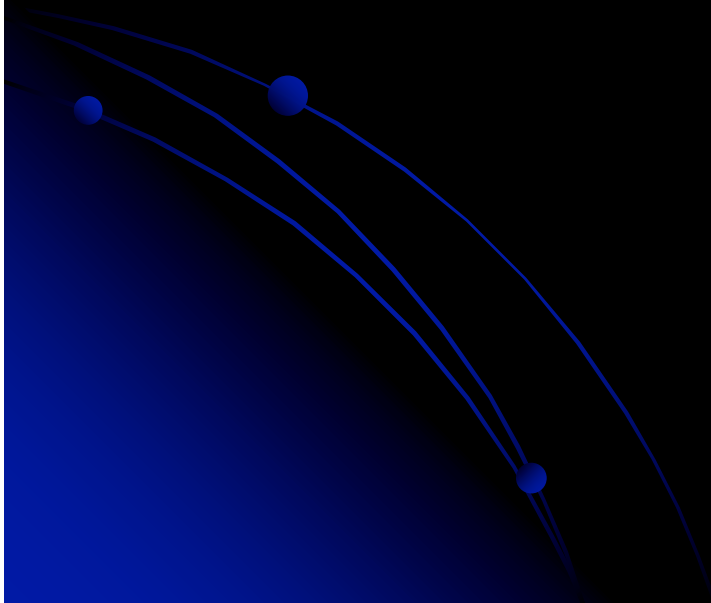


- **60 babies will be born in the U.S.**
 - **244 babies will be born in China.**
 - **351 babies will be born in India.**
- 

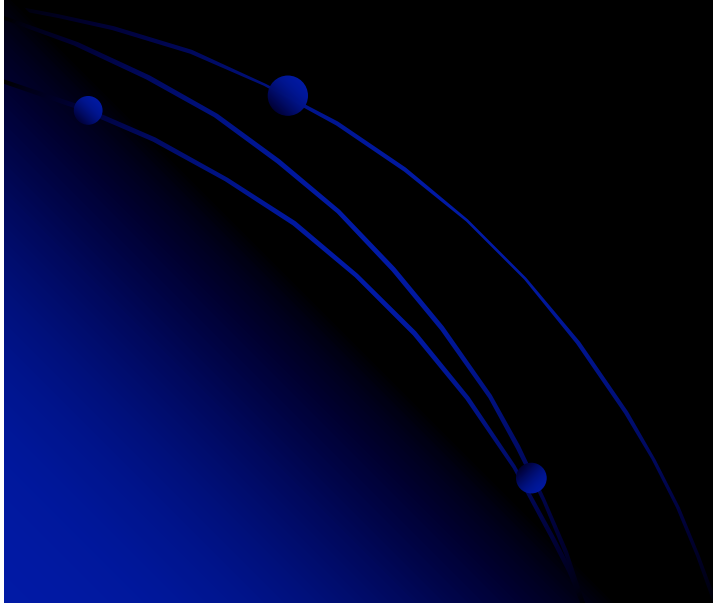
**The U.S. Department of Labor
estimates that today's learner
will have 10-14 jobs . . .**



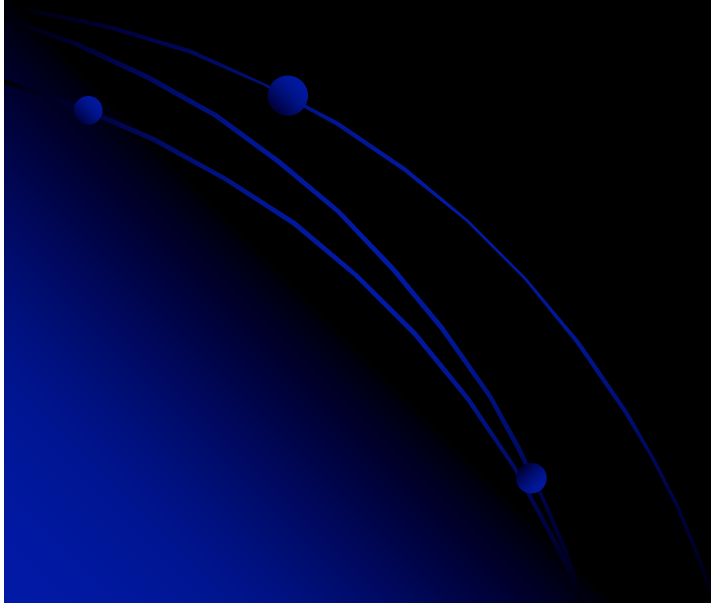
By the age of 38.



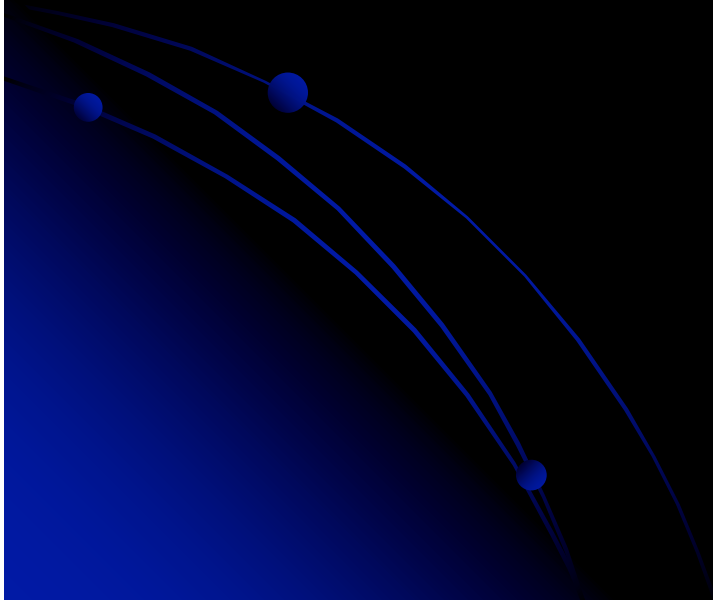
**According to the U.S.
Department of Labor . . .**



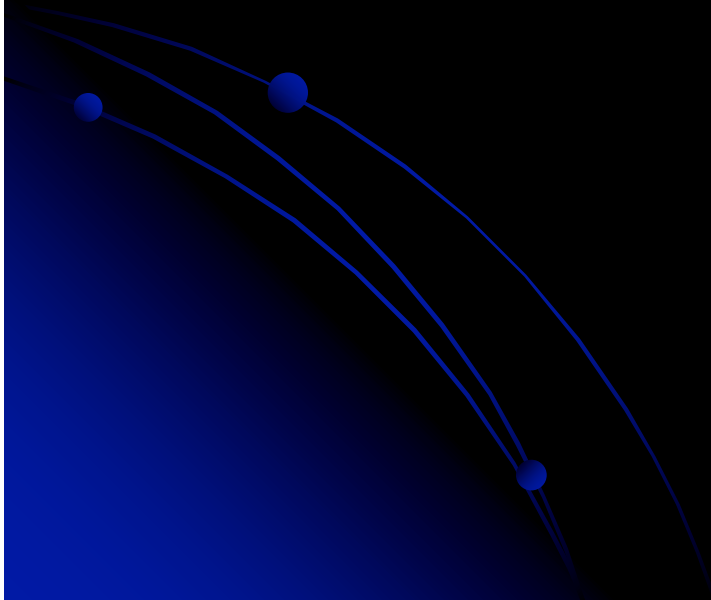
**1 out of 4 workers today is
working for a company they
have been employed by for less
than one year.**



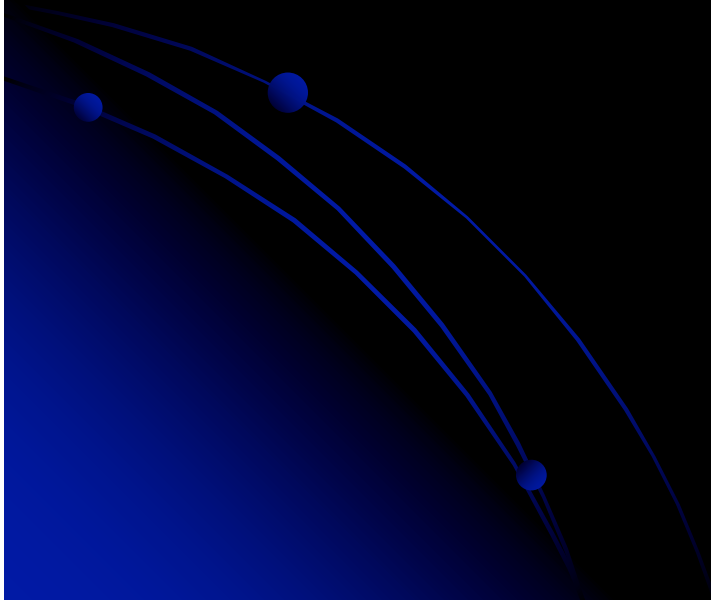
**More than 1 out of 2 are working
for a company they have worked
for for less than five years.**



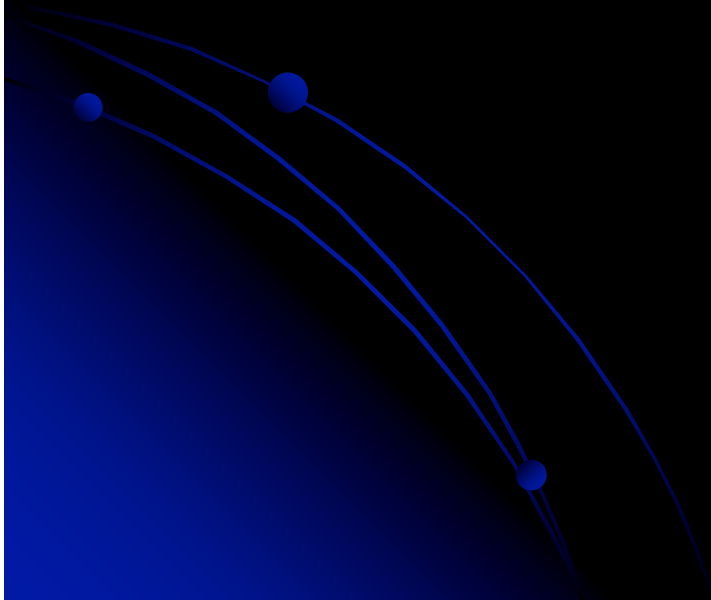
**According to former Secretary of
Education Richard Riley . . .**



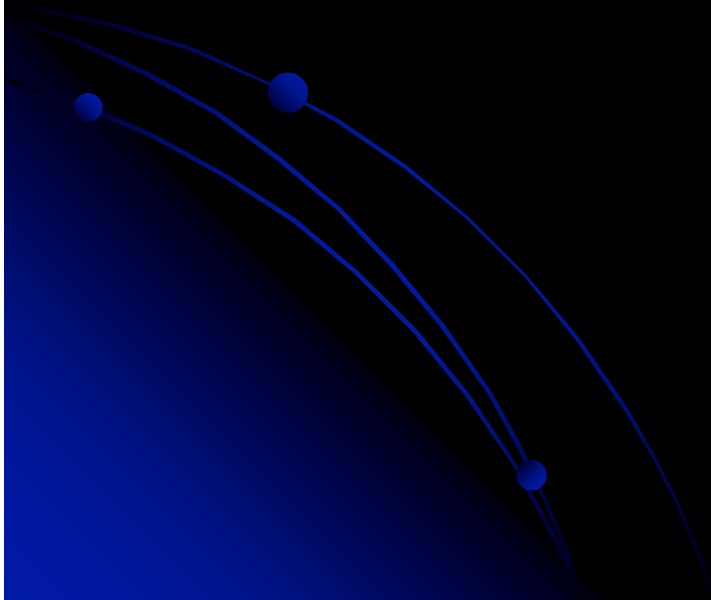
**The top 10 in-demand jobs in
2010 didn't exist in 2004.**



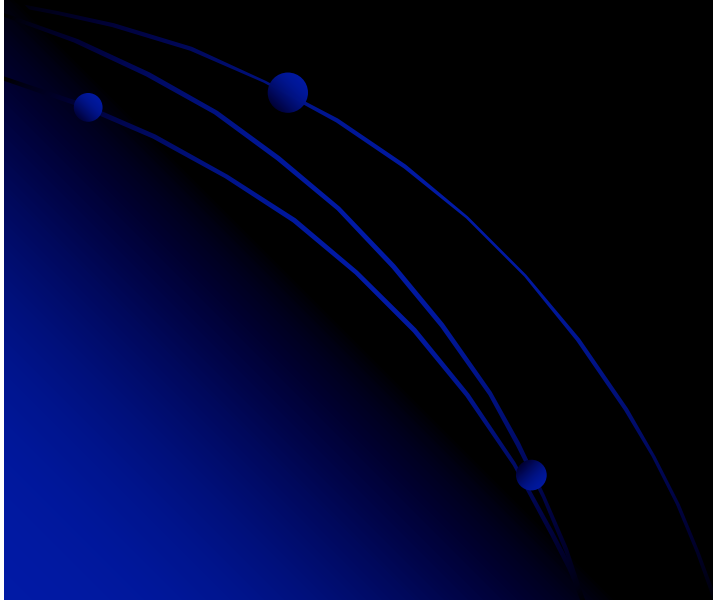
**We are currently preparing
students for jobs that don't yet
exist . . .**



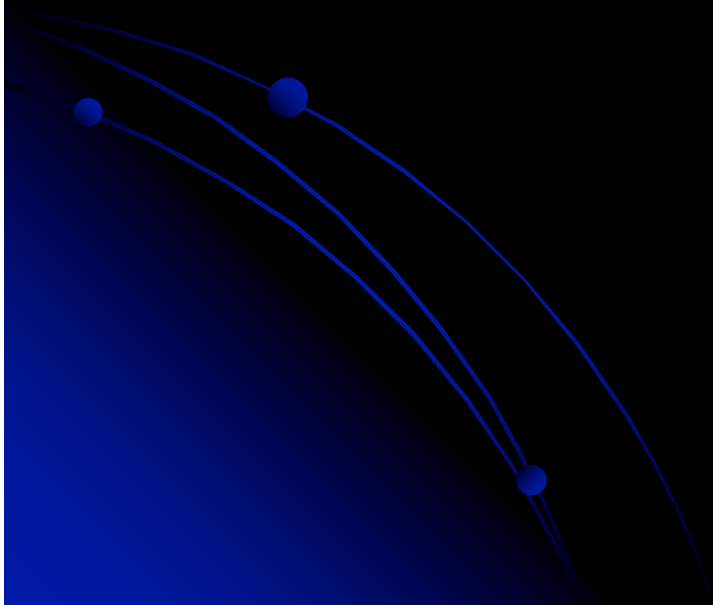
**Using technologies that
haven't been invented . . .**



**In order to solve problems we
don't even know are problems
yet.**

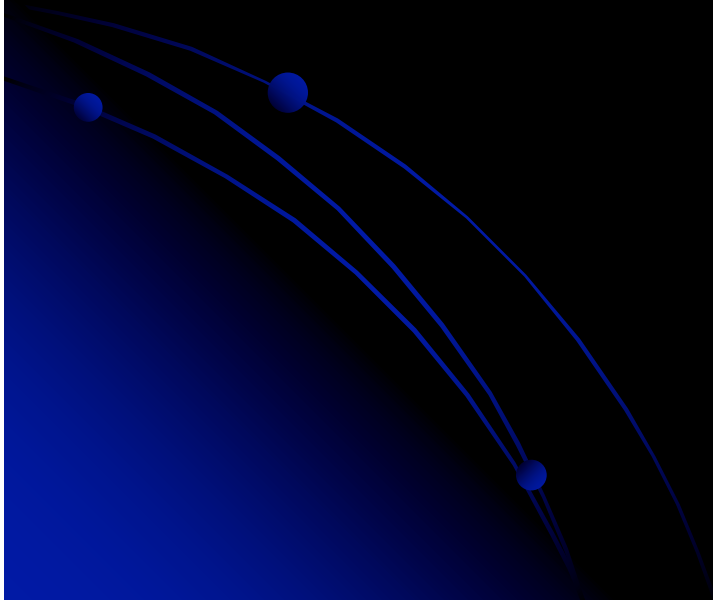


Name this country . . .

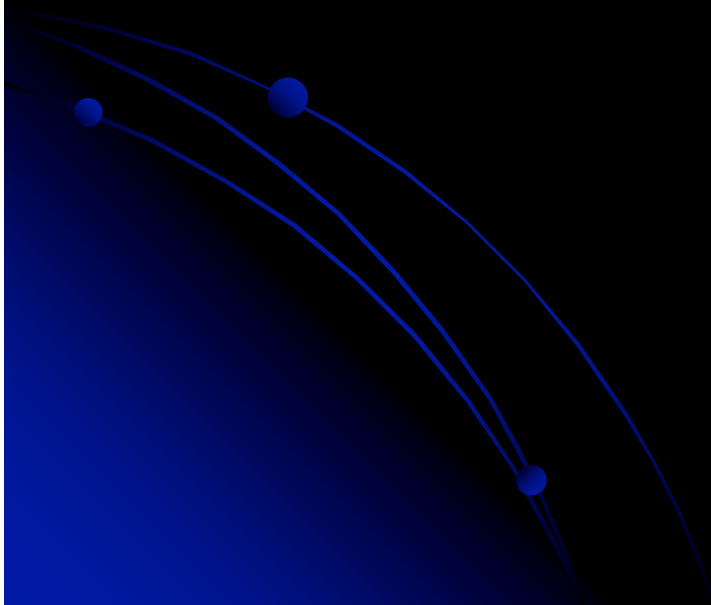


- Richest in the World
- Largest Military
- Center of world business and finance
- Strongest education system
- World center of innovation and invention
- Currency the world standard of value
- Highest standard of living

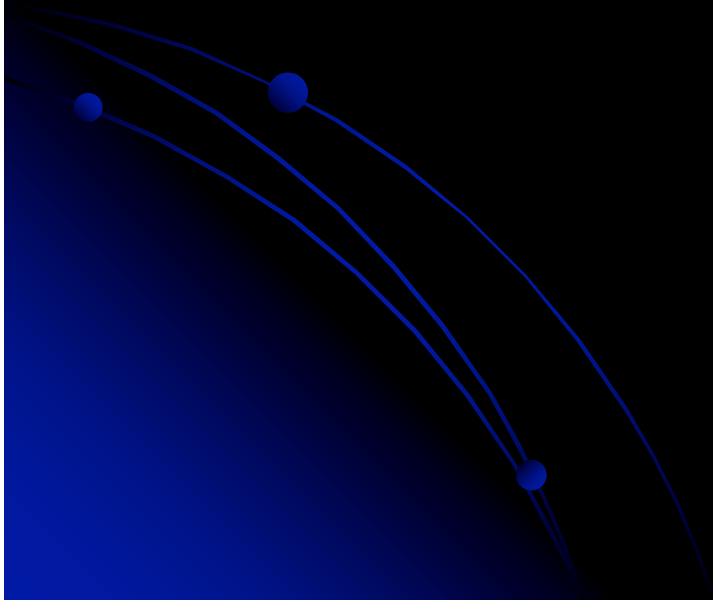
England.



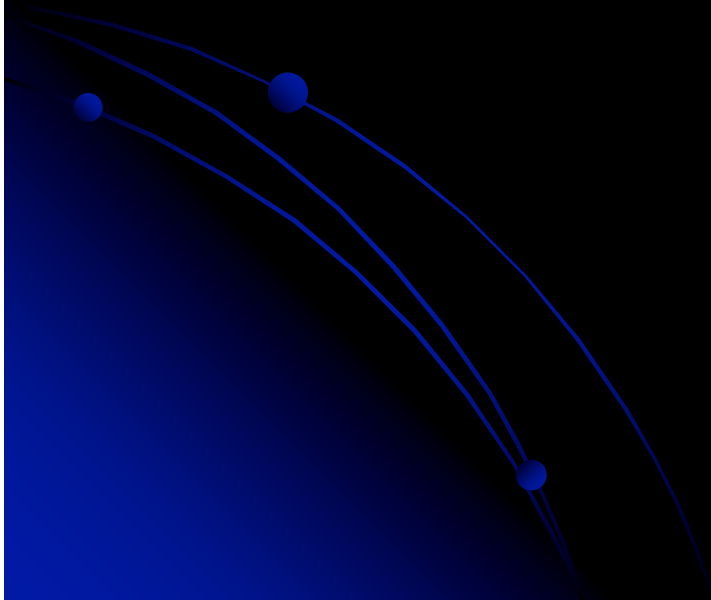
In 1900.



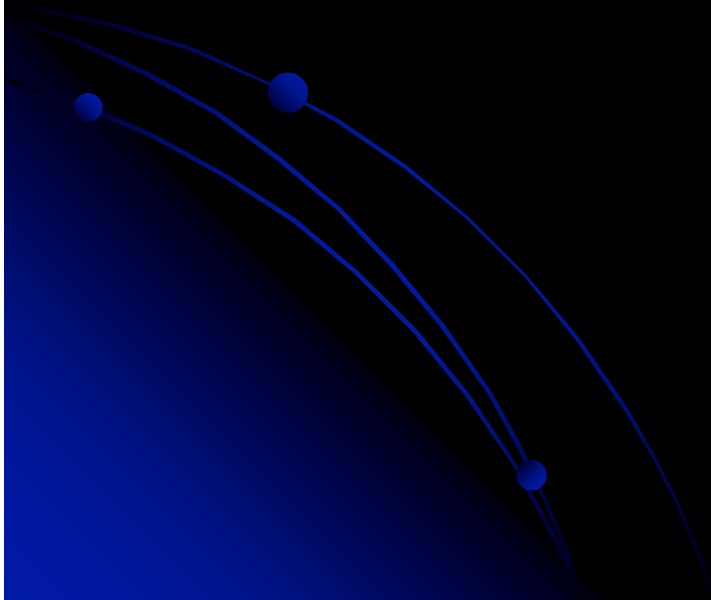
Did you know . . .



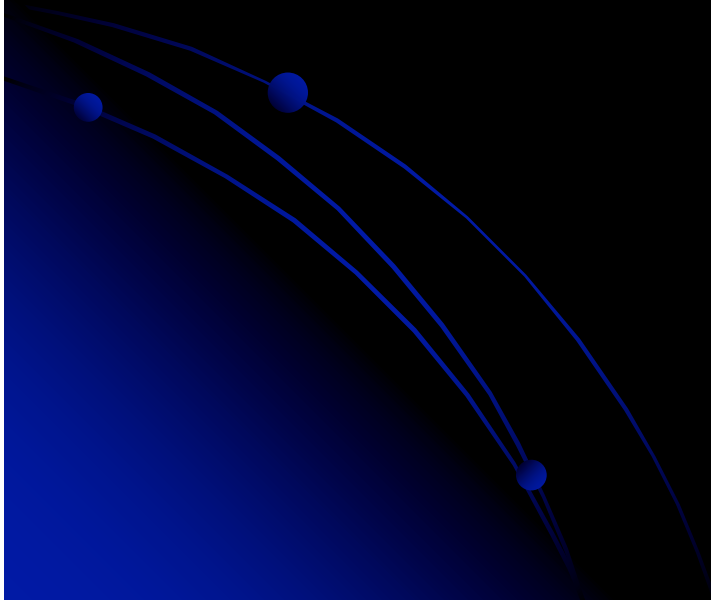
**The U.S. is 20th in the world in
broadband Internet penetration.
(Luxembourg just passed us.)**



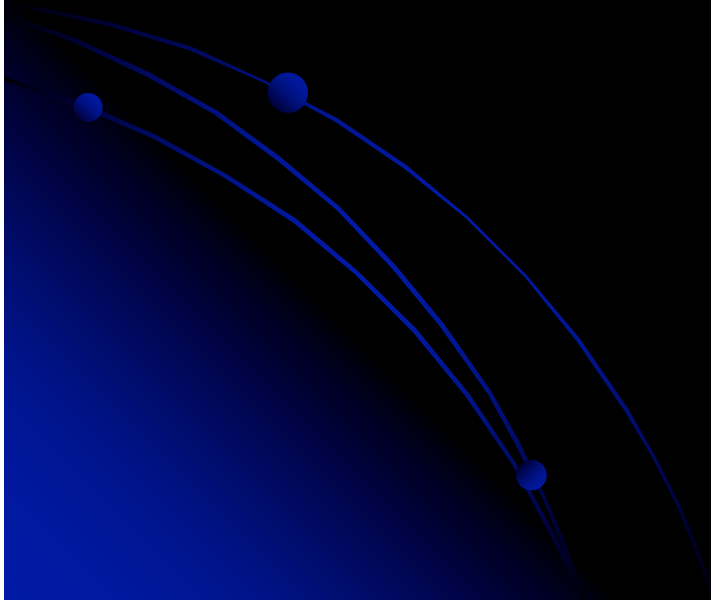
**In 2002 alone Nintendo invested
more than \$140 million in
research and development.**



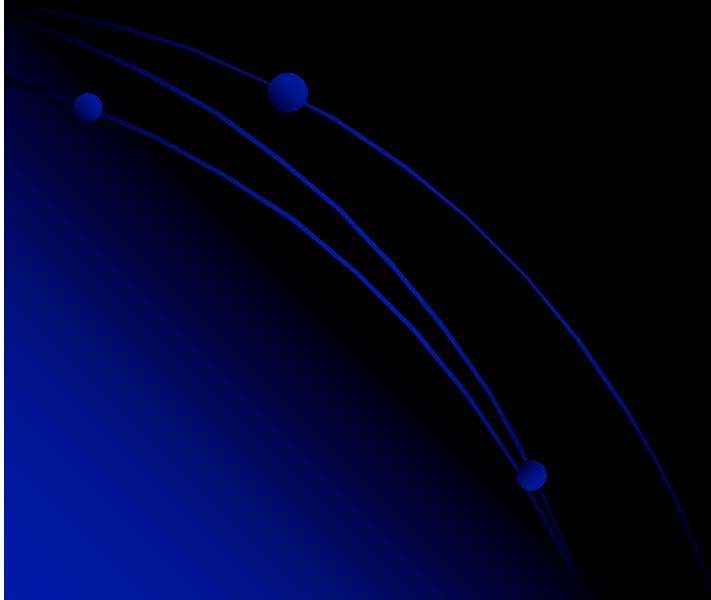
**The U.S. Federal Government
spent less than half as much on
Research and Innovation in
Education.**



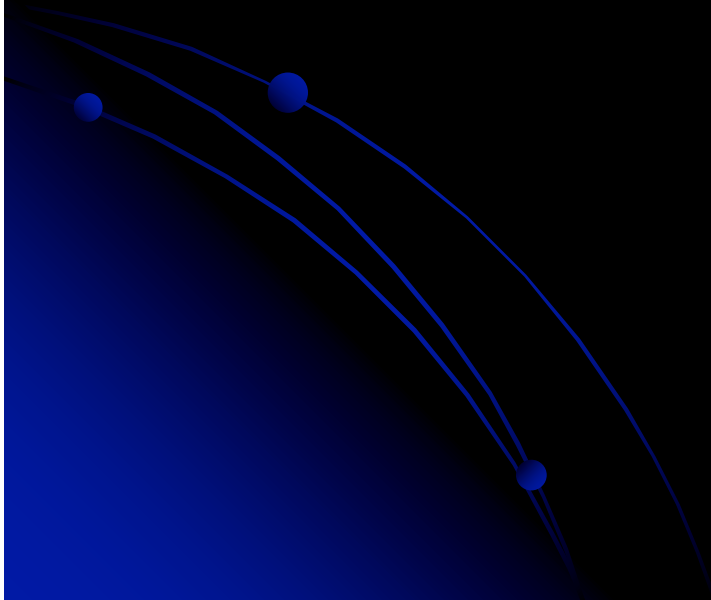
**1 out of every 8 couples married
in the U.S. last year met online.**



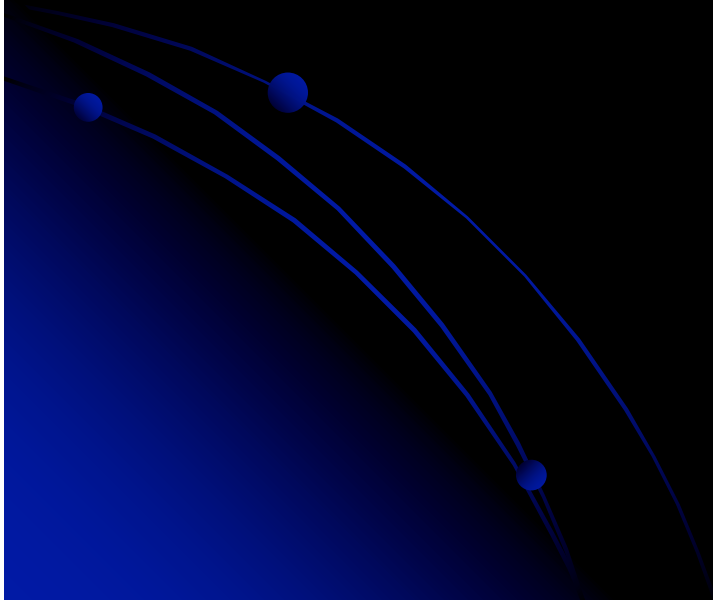
**There are over 100 million
registered users of MySpace.
(August 2006)**



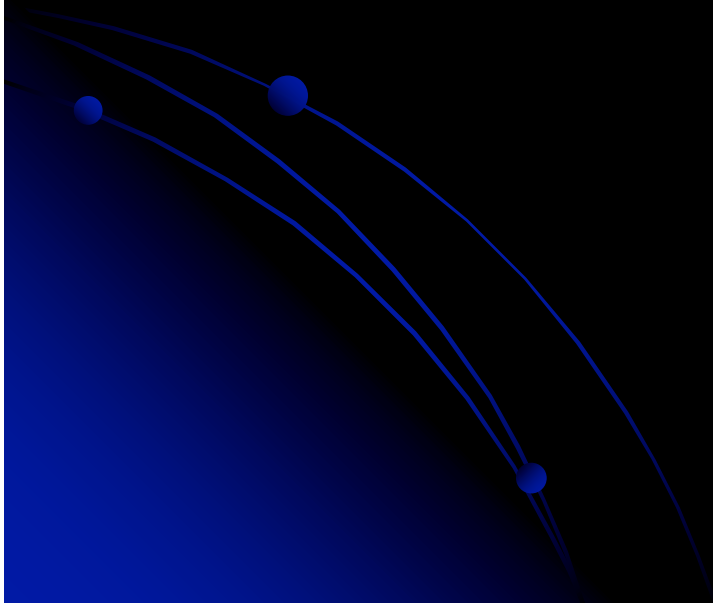
**The average MySpace page is
visited 30 times a day.**



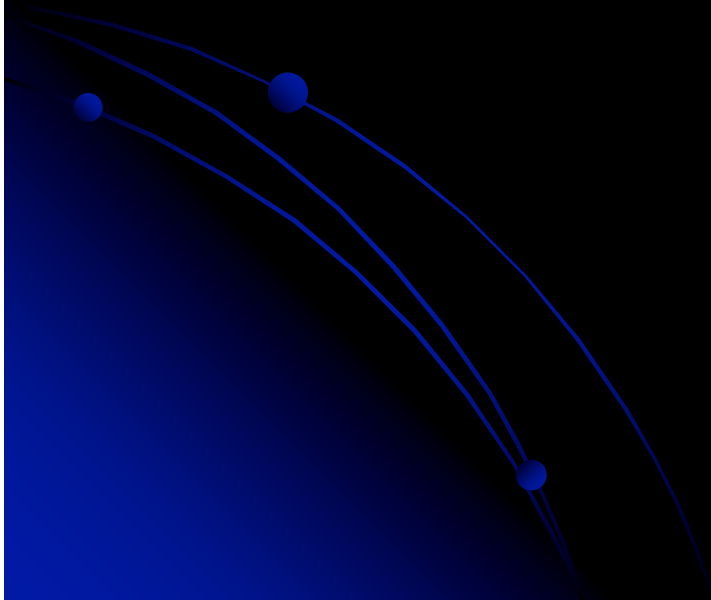
Did you know . . .



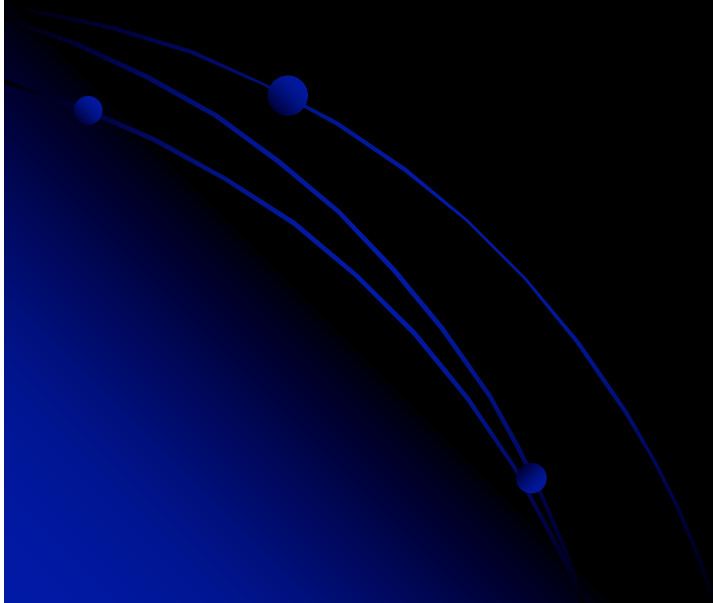
**We are living in *exponential*
times.**



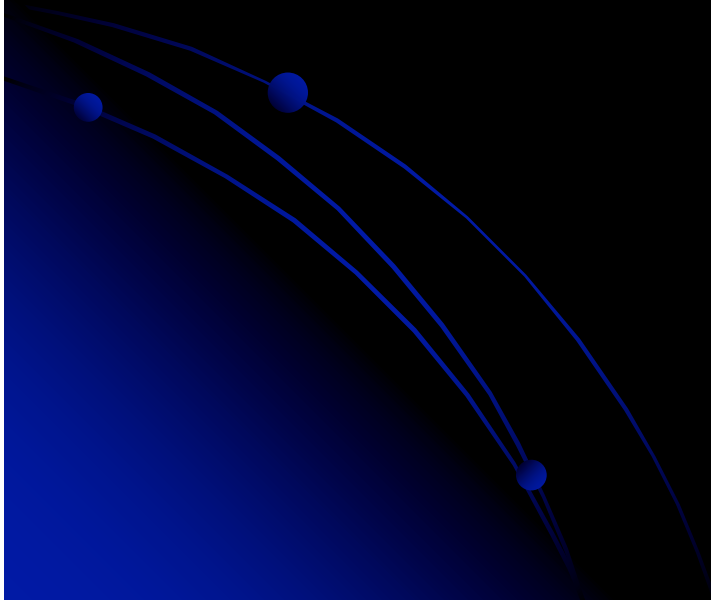
**There are over 2.7 billion
searches performed on Google
each month.**



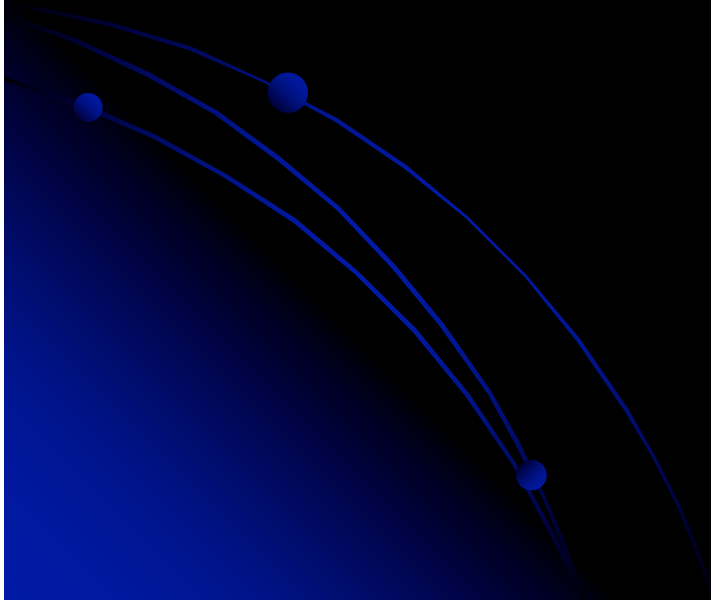
**To whom were these questions
addressed B.G.?
(Before Google)**



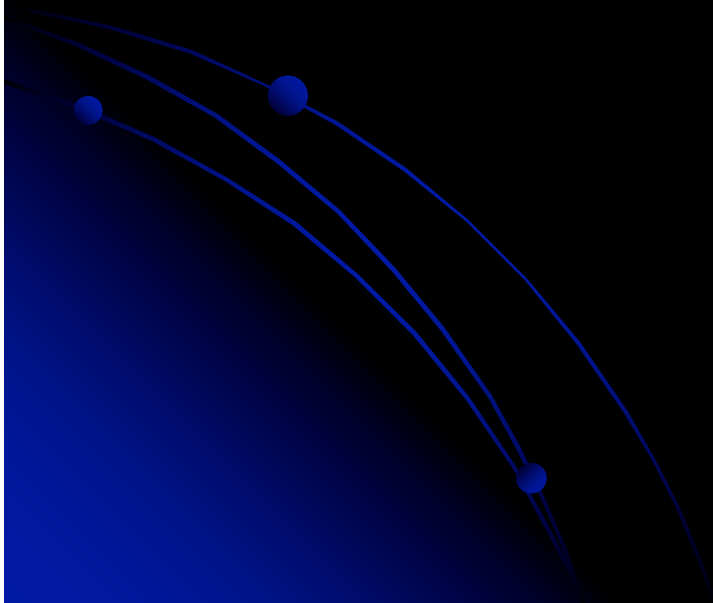
**The number of text messages
sent and received every day
exceeds the population of the
planet.**



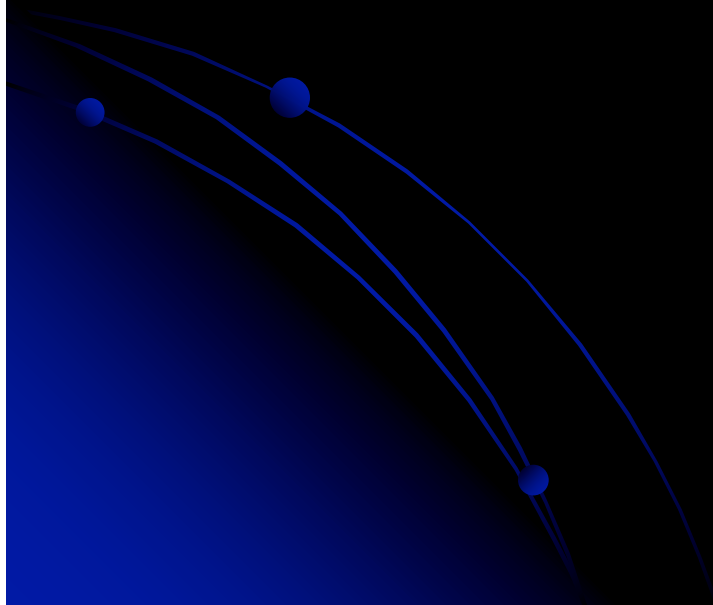
**There are about 540,000 words
in the English language . . .**



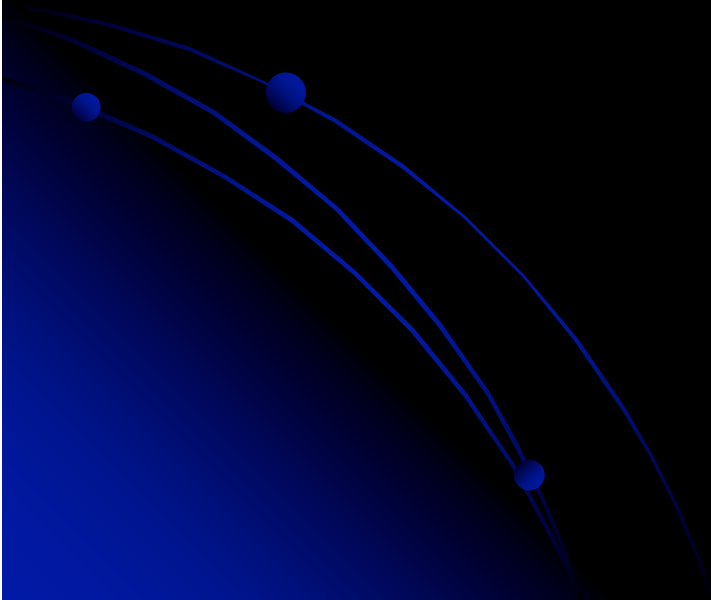
**About 5 times as many as
during Shakespeare's time.**



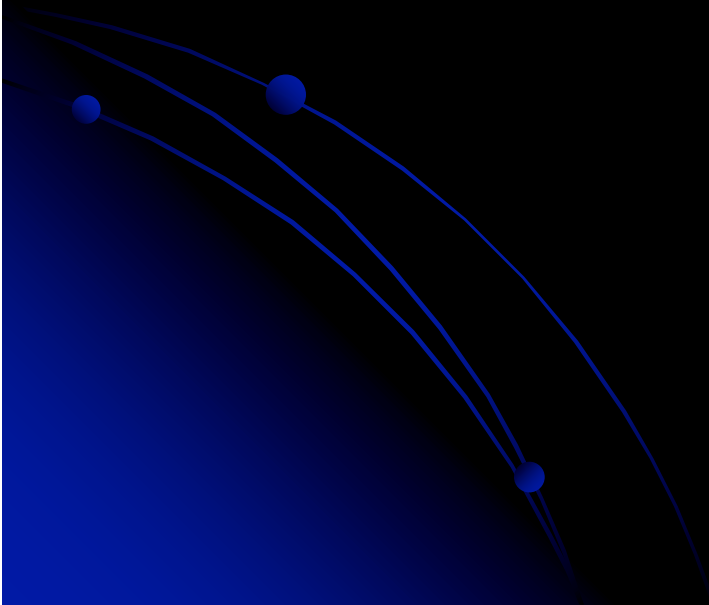
**More than 3,000 new books
are published . . .**



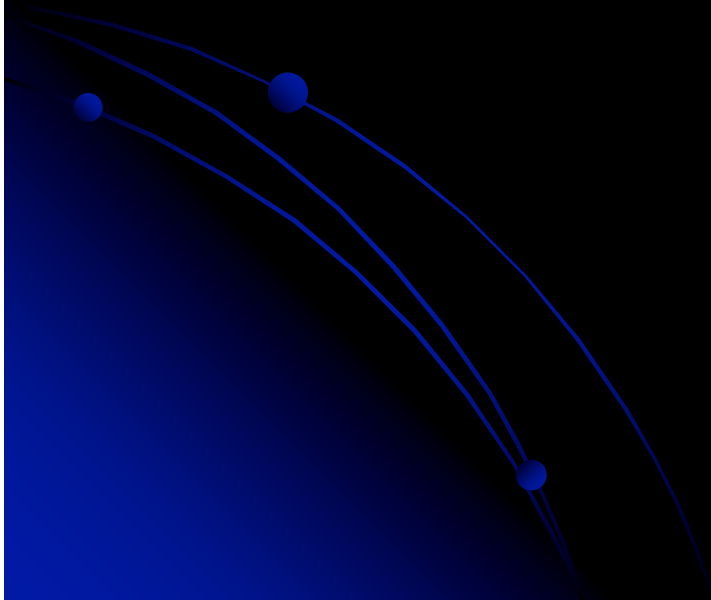
Daily.



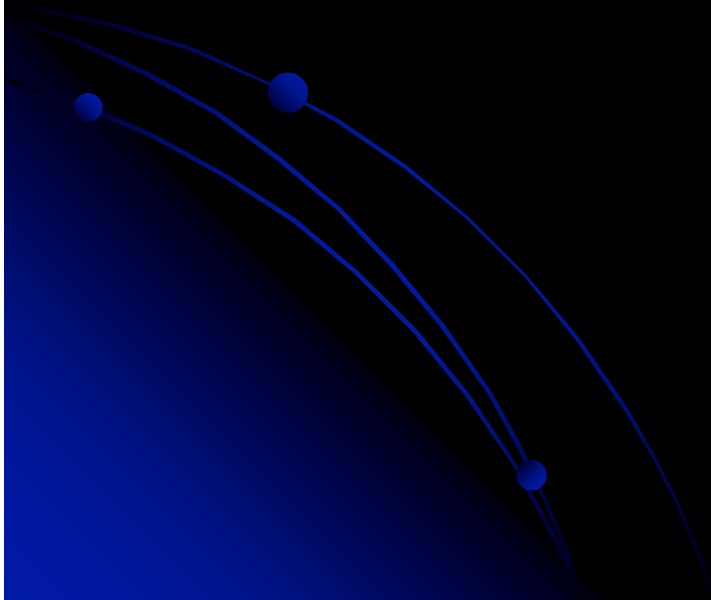
**It's estimated that a week's
worth of New York Times . . .**



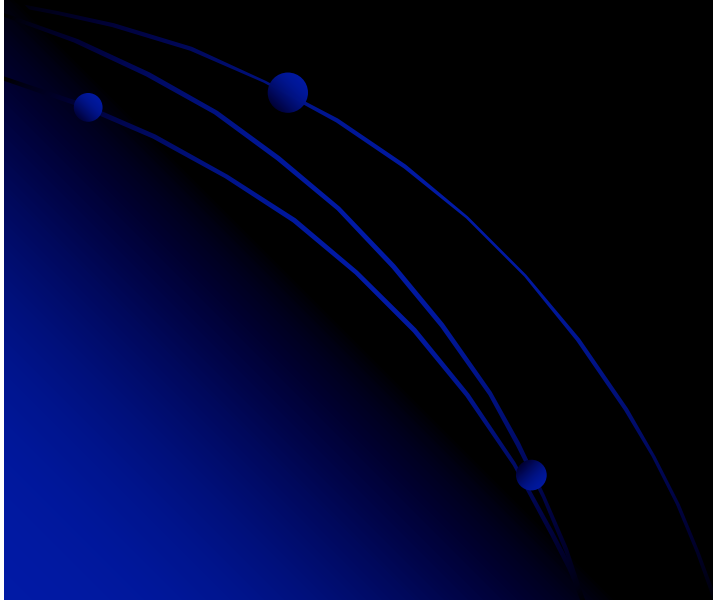
**Contains more information than
a person was likely to come
across in a *lifetime* in the 18th
century.**



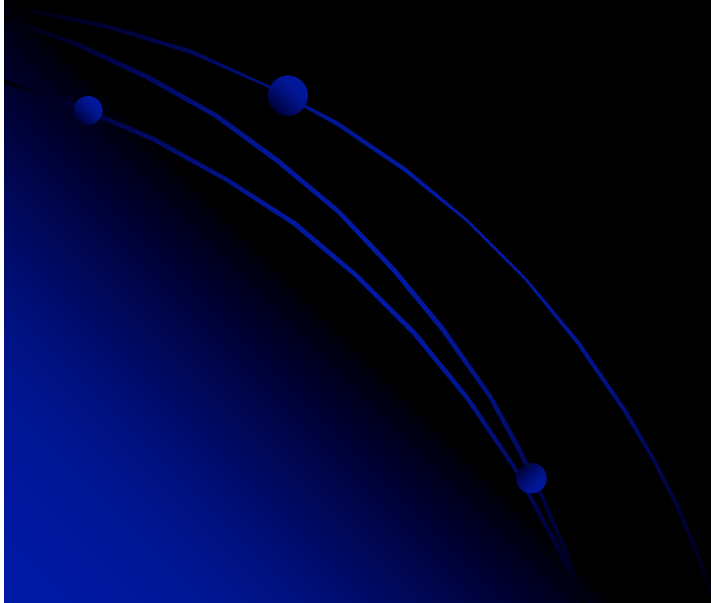
**It's estimated that 1.5 exabytes
(that's 1.5×10^{18}) of unique new
information will be generated
worldwide this year.**



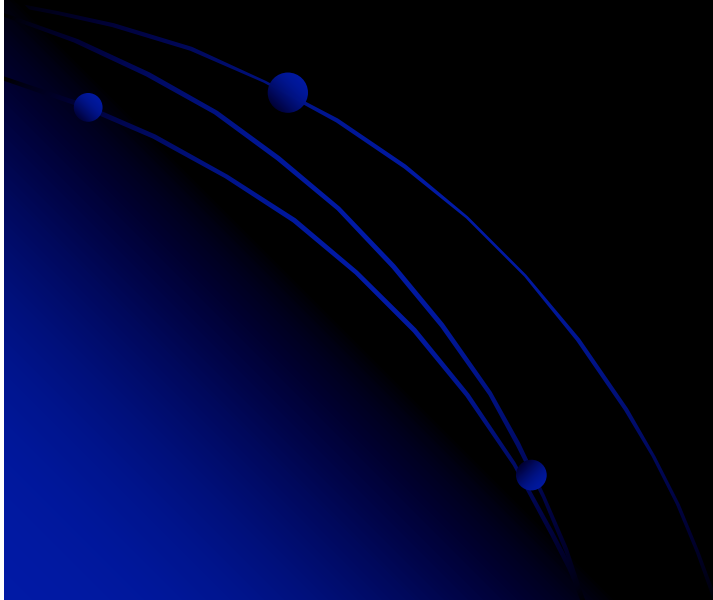
**That's estimated to be more than
in the previous 5,000 years.**



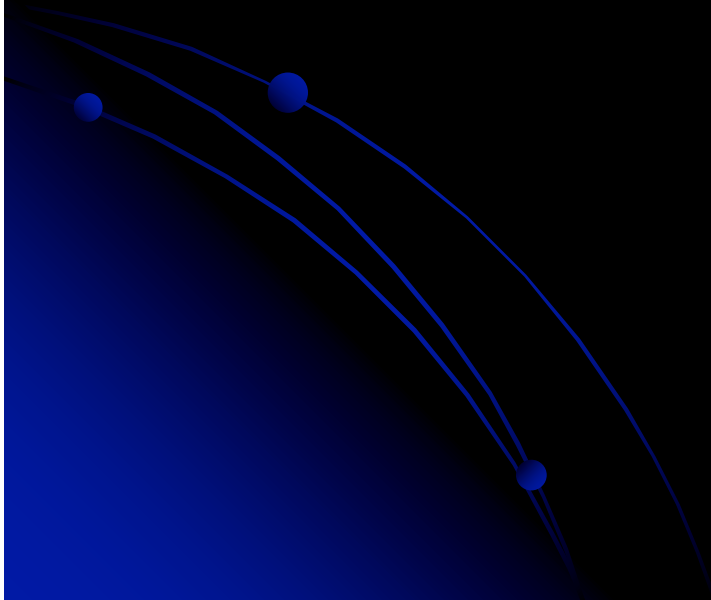
The amount of new technical information is doubling every 2 years.



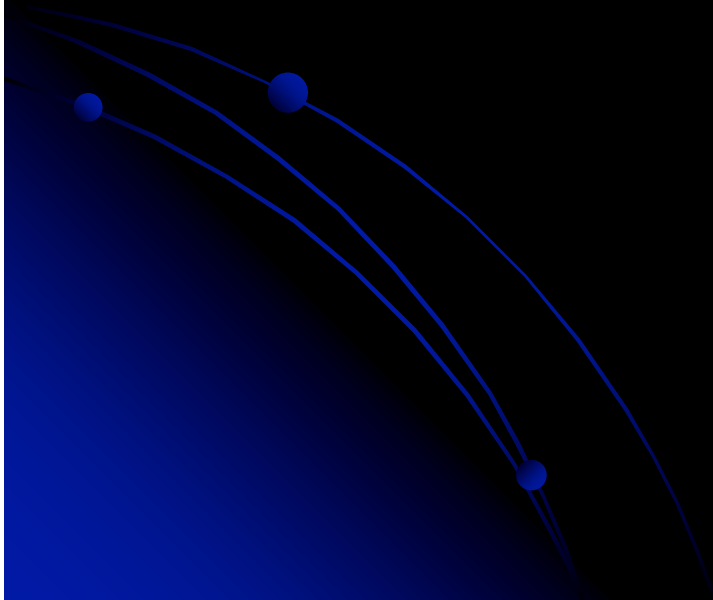
**That means for a student
starting a four-year technical or
college degree . . .**



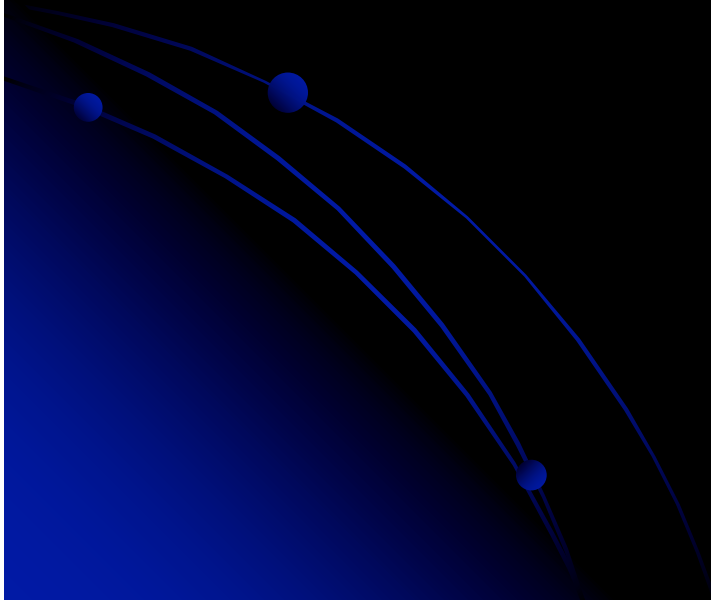
**Half of what they learn in their
first year of study will be
outdated by their third year of
study.**



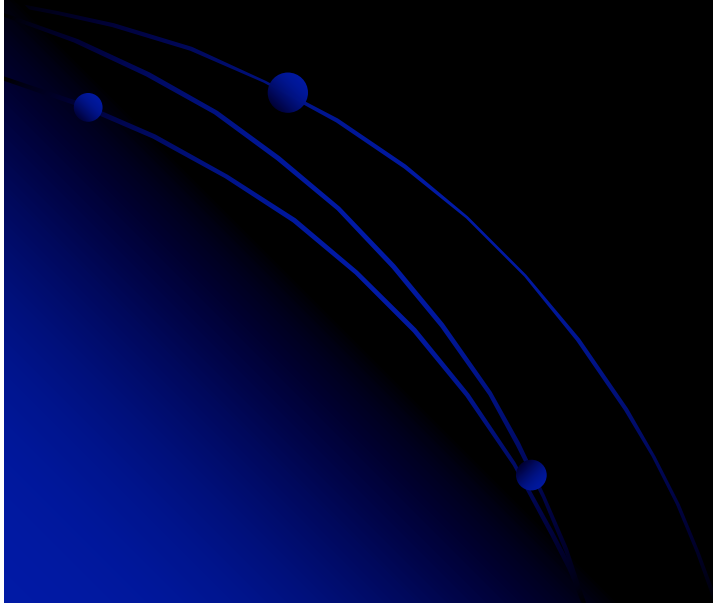
**It's predicted to double every
72 hours by 2010.**



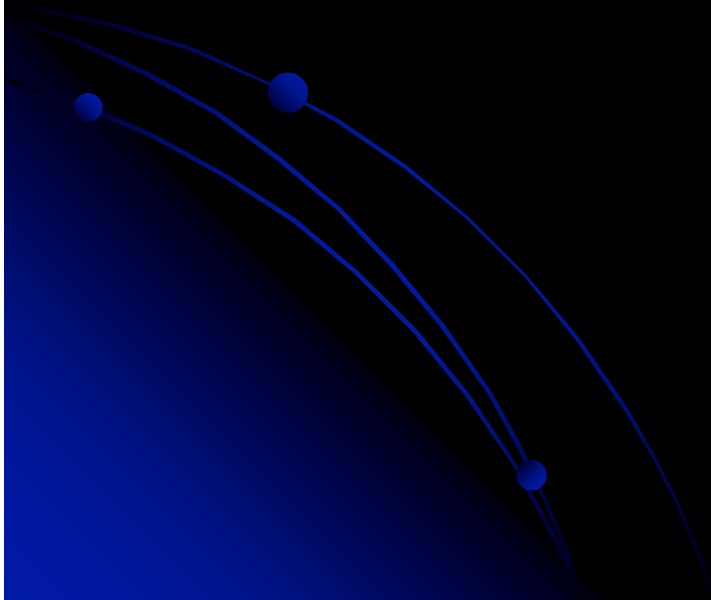
Third generation fiber optics has recently been separately tested by NEC and Alcatel . . .



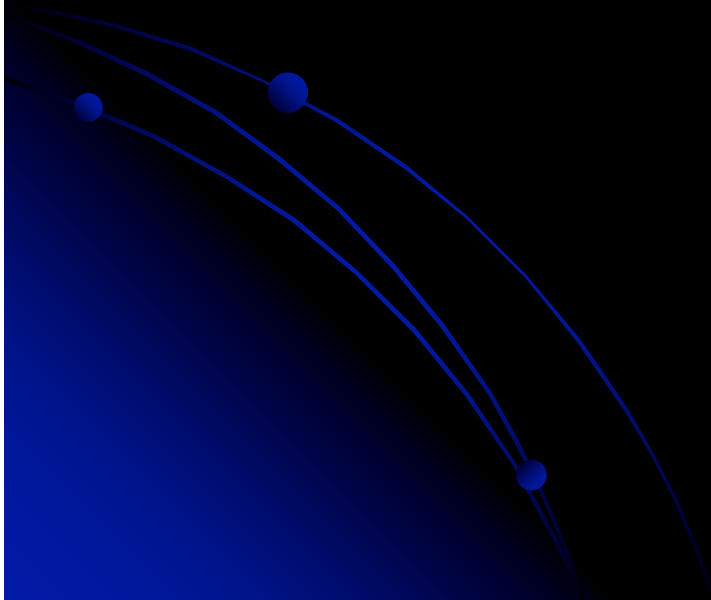
That pushes 10 trillion bits per second down one strand of fiber.




That's 1,900 CDs or 150 million simultaneous phone calls every second.



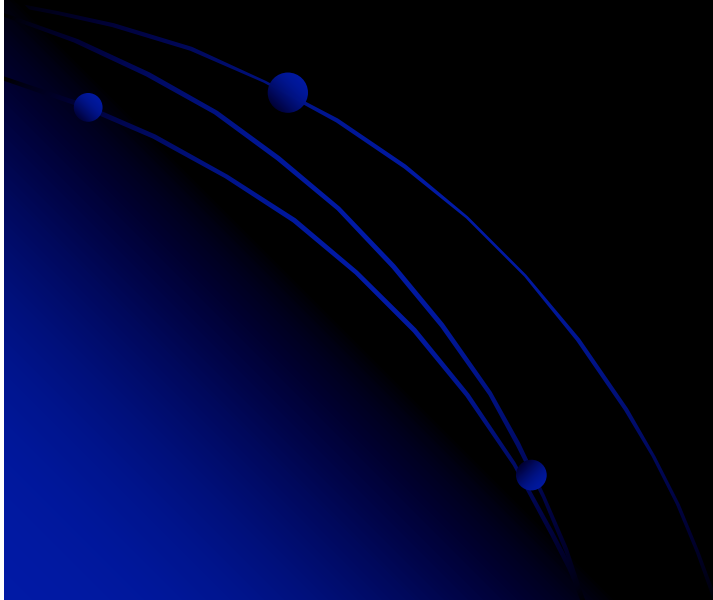
It's currently tripling about every 6 months and is expected to do so for at least the next 20 years.



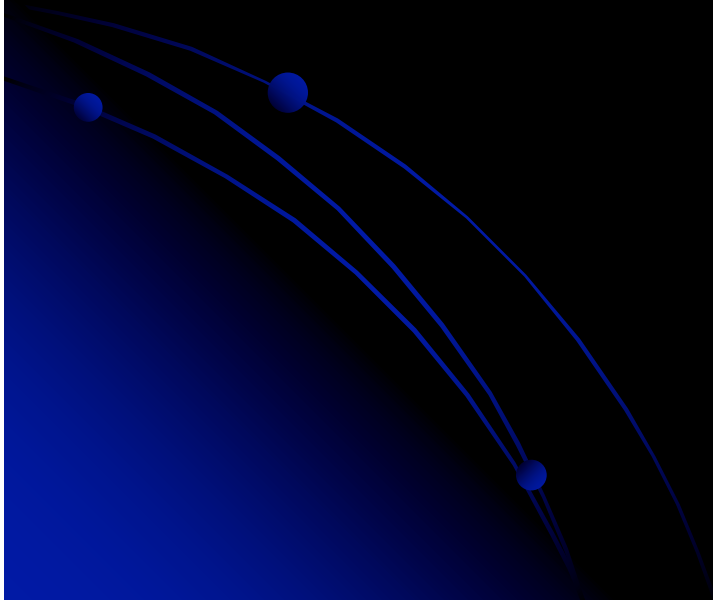
The fiber is already there, they're just improving the switches on the ends. Which means the marginal cost of these improvements is effectively \$0.



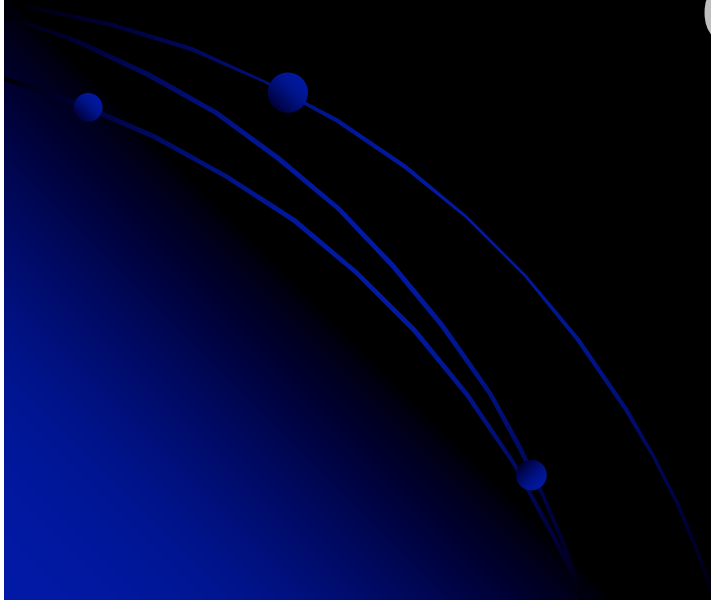
**Predictions are that
e-paper will be cheaper than real
paper.**



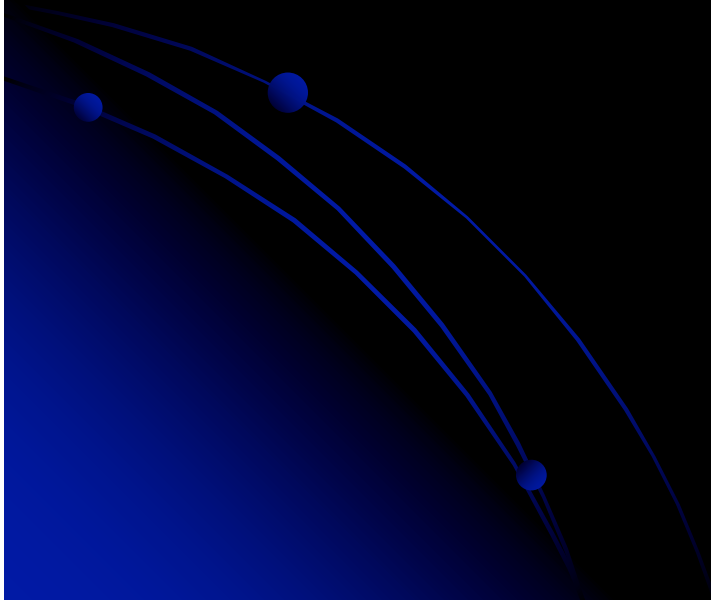
47 million laptops were shipped worldwide last year.



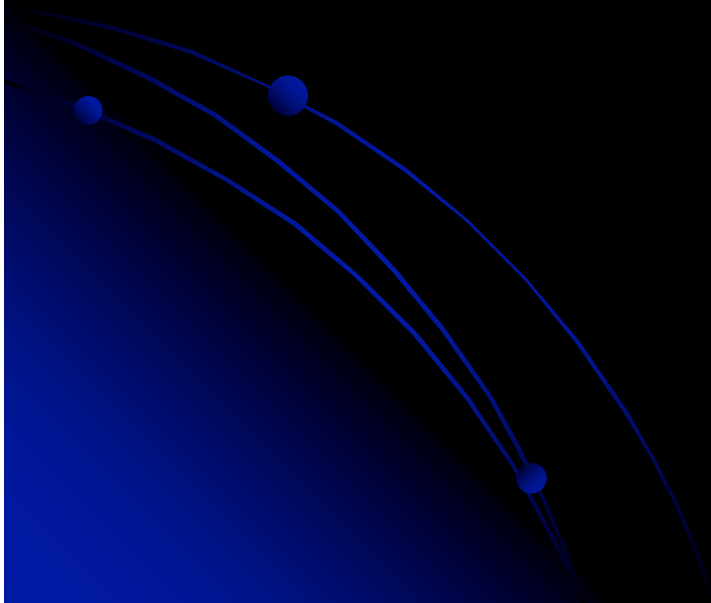
The \$100 laptop project is expecting to ship between 50 and 100 million laptops a year to children in underdeveloped countries.



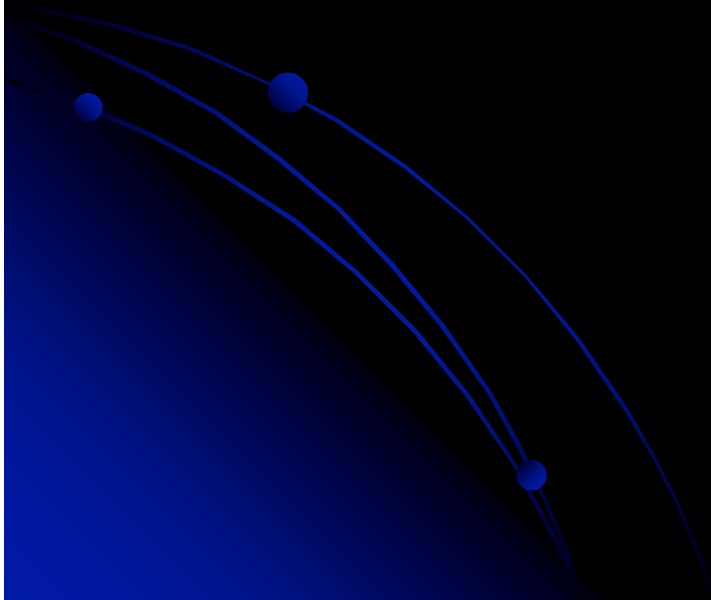
**Predictions are that by 2013 a
supercomputer will be built that
exceeds the computation
capability of the Human
Brain . . .**



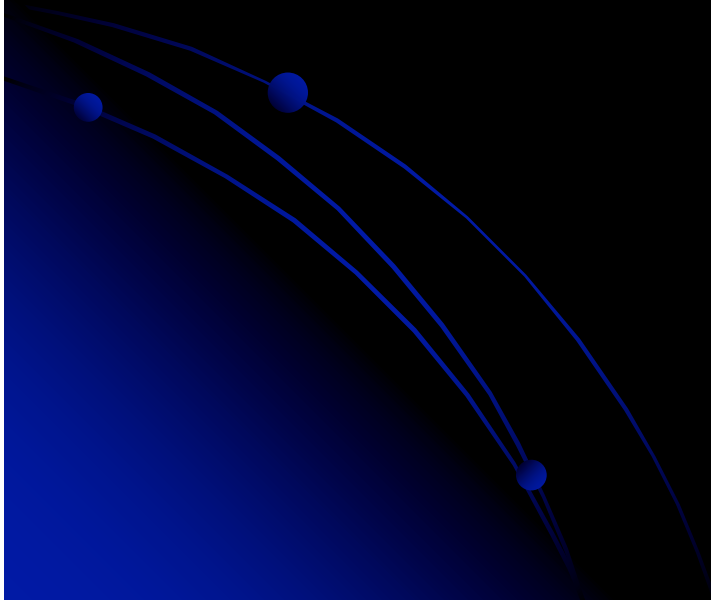
**By 2023, a \$1,000 computer will
exceed the capabilities of the
Human Brain . . .**



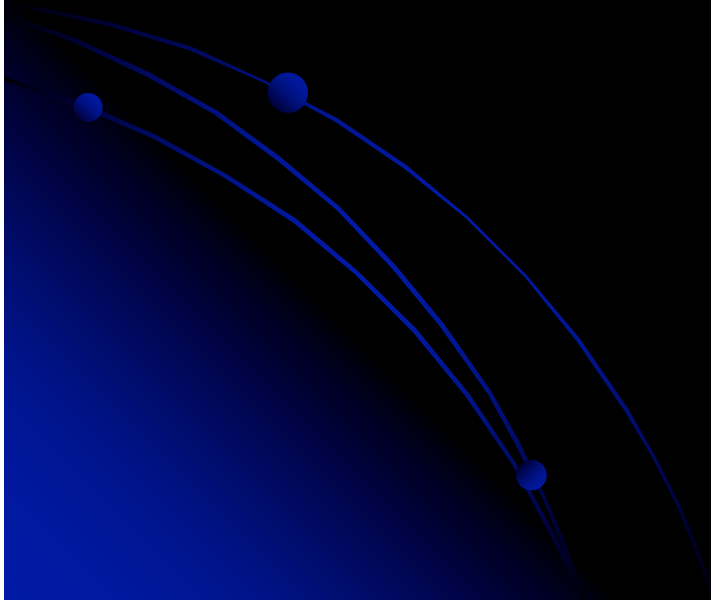
**First grader Abby will be just 23
years old and beginning her
(first) career . . .**



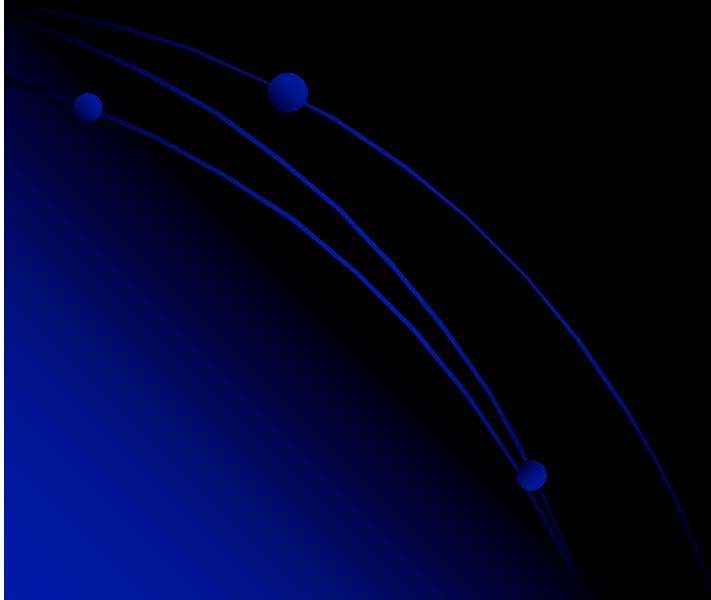
**And while technical predictions
farther out than about 15 years
are hard to do . . .**



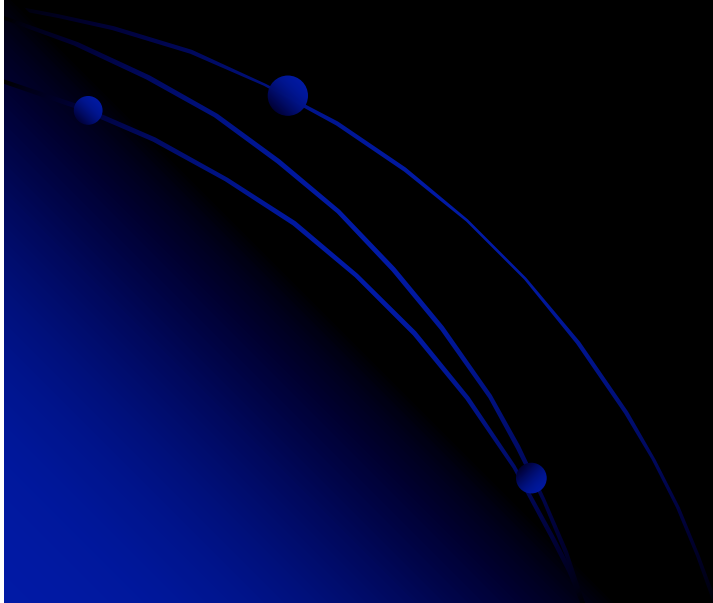
**Predictions are that by 2049 a
\$1,000 computer will exceed the
computational capabilities of the
*human race.***



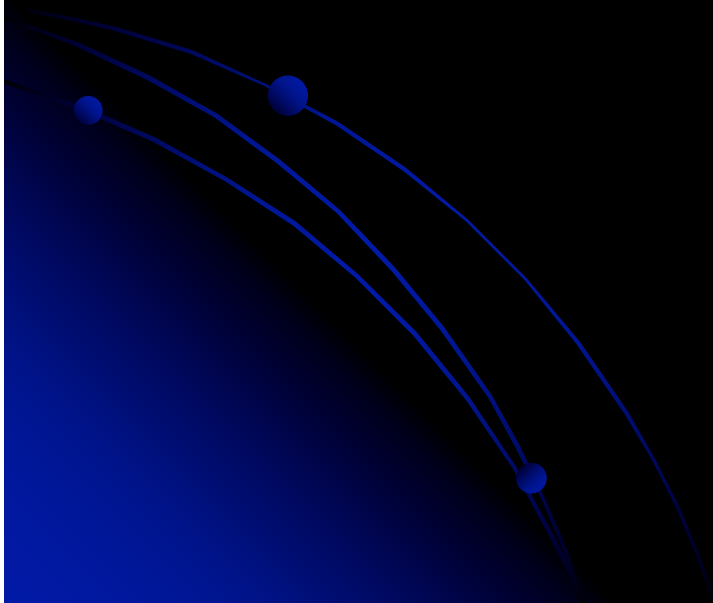
What does it all mean?



Shift Happens.



Now *you* know . . .



An interesting movie clip on
YouTube that emphasizes the
importance of Web 2.0
applications.

http://youtube.com/watch?v=NLIgopyXT_g