# Human Connectome Project maps brain's cortex into 180 distinct compartments

**The GLP aggregated and excerpted this blog/article to reflect the diversity of news, opinion and analysis.**

A new brain map, based on multiple scans of more than 400 individuals, has carved the "cortex" into 180 different compartments – 97 of which are new.

It has been mapped in various ways for centuries, but this new effort is a landmark attempt at a definitive, modern atlas for neuroscientists.

The work is reported in *Nature* and the data is available to scientists online.

It the most significant result to date from the Human Connectome Project, a US-led collaboration aimed at unravelling the wiring of the human brain and how it affects behaviour…

Prof Behrens, meanwhile, said that beyond the map's utility for neuroscientists and neurosurgeons, it would change the way he thinks about the human brain.

"It conceptually changes things. Brain areas are not coarsely divided with, say, 50 pieces that we need to figure out what they're doing.

"As you get more and better data, you can subdivide it further and further – and we should be thinking about the brain in this much more granular way."

**Read full, original post:** Brain map carves cortex into twice as many areas