Facts about (human) babies

Nodir Kodirov

April 24, 2015

Only one UDLS talk about the babies

Patrick Colp on May 23, 2008: **Baby seals**

Daytime or nighttime?

- Night: 11pm-11am

- Day: 11am-11pm

- Night: 6pm - 6am

- Day: 6am-6pm

Daytime or nighttime?

- Night: 11pm-11am -- 55.5%
- Day: 11am-11pm   -- 45.5%

Consistent with above

- Night: 6pm - 6am
- Day: 6am-6pm

Research from Oct. 1952

Table Showing 1950 and 1951 Births Arranged According to the Hour of the Day of Delivery. Total Deliveries Analysed, 4,031

Hour	Number	Number in 6-hourly Period	Number in 12-hourly Period	Total
11 p.m. to 12 p.m.	200			
12 ,, ,, 1 a.m.	138			
1 a.m. ,, 2 ,,	179	1,110		
2 ,, ,, 3 ,,	190			
3 ,, ,, 4 ,,	218			
4 ,, ,, 5 ,,	185		2,237 (55·5%)	
5 ,, ,, 6 ,,	197			
6 ,, ,, 7 ,,	179			
7 ,, ,, 8 ,,	167	1,127		
8 ,, ,, 9 ,,	189			
9 ,, ,, 10 ,,	170			
10 ,, ,, 11 ,,	225			4,031
11 ,, ,, 12 noon	152			
12 noon ,, 1 p.m.	152			
1 p.m. ,, 2 ,,	136	891		
2 ,, ,, 3 ,,	149			
3 ,, ,, 4 ,,	153			
4 ,, ,, 5 ,,	149		1,794 (44·5%)	
5 ,, ,, 6 ,,	142			
6 ,, ,, 7 ,,	162			
7 ,, ,, 8 ,,	130	903		
8 ,, ,, 9 ,,	133			
9 ,, ,, 10 ,,	179			
10 ,, ,, 11 ,,	157			

Myth: more birth at full moon?

Pro facts

- 1959 study broke the month into consecutive three-day periods: full moon window - the day before, day of and day after a full moon
  - full moon window had higher births than any other single three-day period
- Another study in 1966, studied birth rates by moon phase -- full, half, one-quarter and three-quarter.
  - more births centered around the full-moon phase than any other

Myth: more birth at full moon?

Againsts facts

1957: Looked at a series of days with abnormally high numbers of births and tried to correlate them with full moons. No correlation was found

1987: Looked at U.S. birth rates by decade and found no correlation between full moons, birth rates or conception rates

1996: Looked at 100 previous studies on lunar effects and found no statistically significant proof of the moon's effect on birth, violence, suicides, major disasters or a dozen other supposedly lunar-connected phenomena

1998: Looked at 3,706 births and found that "scientific analysis of data does not support the belief that the number of births increases as the full moon approaches, therefore it is a myth not reality"

2005: Looked at 564,039 births in North Carolina between 1997 and 2001 and found "no predictable influence of the lunar cycle on deliveries or complications"

2006: Looked at births over a 28-year period in Australia and found that "full moons are not associated with any significant change in the number of conceptions, births, or deaths"
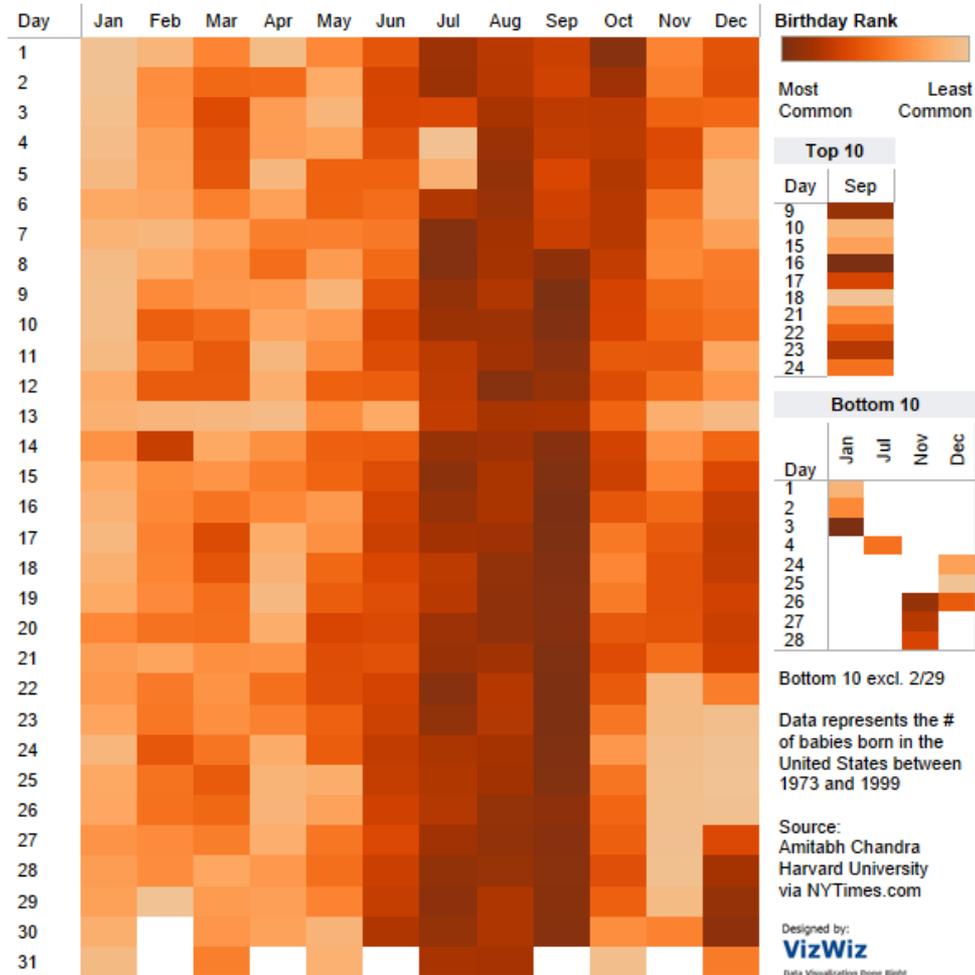
Myth: more birth at full moon?

Conclusion: We don't know

- Howstuffworks concludes by saying: But hey, all is not lost. We can still hang on to one of the best lunar-effect beliefs: There's no hard evidence that the moon doesn't affect werewolves.
- My culture (Uzbekistan) says opposite: new moon brings more babies
- Full moon really only lasts an instant
  - full moon window" of three days, or even one day, is an artificial construct

Birth month: which one is the winner?

Birth month

Peak birth month VS latitude

- Is there a relationship?

Peak birth month VS latitude

- Micaela Martinez-Bakker and Kevin Bakker, both of the University of Michigan, observed a previously unnoticed phenomenon: Peak months for births change with latitude. The most popular month for birthdays occurs earlier and earlier in the year the farther north you travel from the equator.
- Data encompassing 78 years of monthly natality in the USA. Northern states exhibiting spring/summer peaks and southern states exhibiting autumn peaks, a pattern we also observed throughout the Northern Hemisphere.
- Published by the Royal Society on March of 2014.

First breath

- Baby lives inside a fluid-filled bag (amniotic sac) in womb
- Amniotic fluid
  - Protects if you have a blow to your tummy
  - Develops baby's lungs and digestive system
  - Protects baby against infection
- What simulates the breath

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- Baby lives inside a fluid-filled bag (amniotic sac) in womb
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- What simulates the breath
  - hormonal and other changes during labour slow down or stop the production of fluid in the lungs
  - this does not happen if labour did not happen (C-section)
  - physical activity still simulates, but other probably factors are not known, yet

Name forms

Related Names

VARIANTS: Catherine, Catharine, Catherin, Catherina, Cathryn, Katharine, Katharyn, Katherina, Katheryn, Katheryne, Kathryn

▸ See All Relations
▸ Show Family Tree

DIMINUTIVES: Cathy, Kat, Kate, Katey, Kathi, Kathie, Kathy, Katie, Katy, Kay, Kayla, Kit, Kitty, Caelie, Caileigh, Cailin, Cailyn, Caleigh, Cate, Cayley, Kae, Kaelea, Kaelee, Kaelyn, Kaety, Kailee, Kailey, Kailyn, Kaleigh, Kaley, Kalie, Kalyn, Katee, Kaye, Kayleah, Kaylee, Kayleen, Kayleigh, Kayley, Kaylie, Kaylin, Kayly, Kaylyn, Kaylynn, Keighley

OTHER LANGUAGES: Aikaterine (**Ancient Greek**), Katalin, Kattalin (**Basque**), Katsiaryna (**Belarusian**), Katarin, Katell (**Breton**), Ekaterina, Katerina (**Bulgarian**), Caterina (**Catalan**), Katarina, Ina, Kata, Kate, Katica, Tina (**Croatian**), Kateřina, Katka (**Czech**), Cathrine, Katarina, Kathrine, Katrine, Caja, Carina, Ina, Kaja, Karen, Karin, Karina, Katharina, Katja, Trine (**Danish**), Catharina, Katelijn, Katelijne, Katrien, Katrijn, Katrina, Cato, Ina, Karin, Katinka, Katja, Rina, Rini, Riny, Tina, Tineke, Trijntje (**Dutch**), Kadri, Katariina, Katrin, Kaia, Kaisa, Kaja, Kati, Riina, Triinu (**Estonian**), Katariina, Katriina, Kaarina, Kaija, Kaisa, Karin, Kata, Kati, Katri, Riina (**Finnish**), Catherine (**French**), Nienke, Nine, Nynke (**Frisian**), Catarina (**Galician**), Ekaterine, Eka (**Georgian**), Katarina, Katharina, Katherina, Katrin, Katrina, Carina, Cathrin, Catrin, Ina, Karen, Karin, Karina, Katarine, Katharine, Käthe, Kathrin, Katinka, Katja (**German**), Aikaterine, Katerina, Katina (**Greek**), Kakalina, Kalena (**Hawaiian**), Kateri (**History**), Katalin, Katarina, Kata, Katalinka, Kati, Kató, Kitti (**Hungarian**), Caitlín, Caitlin, Caitríona, Cathleen, Catriona, Kathleen, Cáit, Caitria, Catrina, Ríona (**Irish**), Catarina, Caterina, Rina (**Italian**), Katerina (**Late Roman**), Ina (**Limburgish**), Kotryna, Katrė (**Lithuanian**), Ekaterina, Katerina, Katina (**Macedonian**), Cateline (**Medieval French**), Cathrine, Katarina, Kathrine, Katrine, Carina, Ina, Kaia, Kaja, Karen, Kari, Karin, Karina, Karine, Katharina, Katja (**Norwegian**), Catarina (**Occitan**), Katarzyna, Karina, Kasia (**Polish**), Catarina, Cátia (**Portuguese**), Cătălina, Catina, Ecaterina (**Romanian**), Ekaterina, Jekaterina, Yekaterina, Karina, Katenka, Katerina, Katia, Katya (**Russian**), Caitrìona, Catriona, Catrina (**Scottish**), Katarina (**Serbian**), Katarína, Katka (**Slovak**), Katarina, Kaja, Katica, Katja (**Slovene**), Catalina (**Spanish**), Cathrine, Catrine, Katarina, Katrin, Katrina, Cajsa, Carin, Carina, Catharina, Ina, Kai, Kaj, Kaja, Kajsa, Karin, Karina, Katharina, Katja (**Swedish**), Kateryna (**Ukrainian**), Catrin, Cadi (**Welsh**)

Name forms

Behind the Name
the etymology and history of first names

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Thank you!