

Published Domestic Dog and Cat Cloning Experiments and Outcomes

	Timeline/Authors*	Total Implanted Embryos	Egg "Donors"	Surrogates	Surrogates Who Developed Pregnancies	Live Births	Survivors (Day 30)	Failure rates	Results of Cloned Animals
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	100% - (7) / (2)	(8)
<b>Dogs</b>									
	2005 (BC Lee, et al)	1,095	91 <sup>a</sup>	123	3	2	1	99.9%	1 miscarriage/1 neonatal death/1 survivor
	2007 (G Jang, et al)	167	23	12	3	3	3	98.2%	3 survivors
	January 2008 (G Jang, et al)	32	82	8	0	0	0	100.0%	N/A
	March 2008 (G Jang, et al)	358	46	20	2	1	1	99.7%	1 miscarriage/1 survivor
	March 2009 (MS Hossein et al)	215	44	13	5	5	4	98.1%	1 neonatal death/4 survivors
		269	51	16	1	1	0	100.0%	1 neonatal death
	September 2009 (MS Hossein et al)	712	Not Stated	36	4	5	4	99.4%	1 miscarriage/1 neonatal death/4 survivors
	September 2009 (G Jang, et al)	309	38	15	2	2	1	99.7%	1 puppy fatally injured by surrogate mother/1 survivor
		181	25	9	1	1	0	100.0%	1 stillbirth/1 neonatal death
	September 2009 (HJ Oh, et al)	219	26	9	3	8	7	96.8%	1 stillbirth/1 neonatal death/7 survivors
	<b>Subtotal/Average</b>	<b>3,557</b>	<b>426</b>	<b>261</b>	<b>24</b>	<b>28</b>	<b>21</b>	<b>99.4%</b>	
<b>Cats</b>									
	2002 (Shin et al)	87	Not Stated	8	2	1	1	98.9%	1 miscarriage/1 survivor
	2005 (XJ Yin, et al)	675	Not Stated	10	2	3	2	99.7%	1 stillbirth/1 neonatal death/2 survivors
	2007 (XJ Yin, et al)	812	Not Stated	18	4	5	4	99.5%	1 stillbirth/1 neonatal death/4 survivors
	2008 (XJ Yin, et al)	430	78	15	4	5	4	99.1%	2 stillbirths/1 neonatal death/4 survivors
	March 2008 (XJ Yin, et al)	176	Not Stated	11	3	2	2	98.9%	1 miscarriage/1 stillbirth/2 survivors
	March 2009 (MC Gómez, et al)	291	16	8	3	1	1	99.7%	3 miscarriages/2 stillbirths/1 survivor
		114	Not Stated	9	2	0	0	100.0%	3 miscarriages
	December 2009 (C Wang, et al)	62	Not Stated	6	2	2	0	100.0%	2 miscarriages
		44	Not Stated	4	0	0	0	100.0%	N/A
	April 2010 (SJ Cho, et al)	281	Not Stated	13	1	1	0	100.0%	1 neonatal death
	<b>Subtotal/Average</b>	<b>2,972</b>	<b>&gt;94</b>	<b>102</b>	<b>23</b>	<b>20</b>	<b>14</b>	<b>99.5%</b>	
	<b>DOGS AND CATS TOTAL/AVERAGE</b>	<b>6,529</b>	<b>&gt; 520</b>	<b>363</b>	<b>47</b>	<b>48</b>	<b>35</b>	<b>99.5%</b>	

\*Authors indicate that 51 "donor" dogs were used to obtain oocytes for both experiments. Therefore, we divided 51 in half to accommodate the chart format.

<sup>a</sup> Authors stated that an average of 12 oocytes were taken from each dog for a total of 1095. Since the number of dogs was not specified, we estimate this using the calculation 1095/12.

Note: These calculations only are based on data from scientific publications. They do not include results from all cat and dog cloning experiments that have been performed in the U.S. and South Korea. Therefore, the total number of cats and dogs who have been used in or born through cloning experiments is unknown.

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