

The period of 430 years from the Covenant with Abraham to the Exodus:

Abraham	75					-	2045 B.C.
	100	Isaac	-			25	2020 B.C.
		Isaac	60	Jacob	-	85	1960 B.C.
				90	Joseph	-	175 1870 B.C.
				107		17	192 1853 B.C.
				120		30	205 1840 B.C.
				130		40	215 1830 B.C.
				147		57	232 1813 B.C.
						110	285 1760 B.C.
						<<65>>	
Moses	-					350	1695 B.C.
	40					390	1655 B.C.
	80					430	1615 B.C.
	120	(40 years wandering)					

A "birth" generation is used in the following sections to refer to:
 The years from one male's birth until their first male child's birth.
 This is the usual method used in Genesis.

Geneology / lifespans given in Genesis:

Abraham	25	\	Portion of the 430 years
Isaac	60	/	"used up" (85 total)
Jacob		\	
Levi		\	
Kohath		>	265 years = 53 years per "birth" generation *
Amram		/	
Moses		/	

* 350 years from the Covenant with Abraham until the birth of Moses
 -25 years to the birth of Isaac
 -60 years to the birth of Jacob
 -
 265 years remaining from the birth of Jacob to the birth of Moses
 which encompasses 5 "birth" generations

Adding another 215 years to the time in Egypt creates an absurdity,
 since the only possible place to add those years is between Joseph
 and Moses, covering only two intervening generations.

Geneologies of Matthew and Luke:

Abraham	25	\	Portion of the 430 years
Isaac	60	/	"used up" (85 total)
Jacob		\	
Judah		\	
Phares		\	
Esrom		\	
Aram		>	390 years = 43 years per "birth" generation *
Aminadab		/	
Naasson		/	
Salmon/Rahab		/	
Boaz		/	

* 430 years from the Covenant with Abraham until the Exodus
-25 years to the birth of Isaac
-60 years to the birth of Jacob
+40 years in the wilderness
+5 years until the birth of Boaz ? (estimate - could be longer)
-
390 years from the birth of Jacob to the birth of Boaz
encompasses 9 "birth" generations

Concerning the "4th generation" mentioned in Gen. 15:16 -
This refers to two things:

- (1) Dwelling in a land that was not theirs.
- (2) Serving and being afflicted.

It is not necessary that both be true for the entire period of 400 years. The generation could mean any of a number of things. It could be 100 years to a generation. It could be referring to the four generations between Abraham and Moses (see Photodrama, page 21). It could be referring to the "affliction" that started 400 years prior to the Exodus when Ishmael mocked Isaac. Etc.

"Specially Blessed by God" population growth based on averages.
Number of males in all instances:

YEAR	MALES	
175	11	Birth of Joseph (exact)
180	12	Birth of Benjamin (estimate)
215	72	Entrance into Egypt [35 years = sixfold increase]
250	432	x 6
285	2,592	x 6
320	15,552	x 6
355	93,312	x 6
390	559,872	x 6
425	3,359,232	The Exodus account indicates the actual number as
430		approx. 600,000 males. The point here being that this is MUCH LESS than the projected population based on the above trends, so a very realistic number. Also, 35 for a "birth" generation fits nicely within the range given in Genesis 11.

To prove this mathematical model further, consider population trends after Noah's flood:

"Normal" population growth based on averages.
Number of males in all instances

MALES [See Gen. 10]

1	Noah
3	Three sons
16	FIRST generation after the flood x 5.33 (actual figure*)
84	SECOND generation x 4.25 (average figure+)
387	x 4.25
1,517	x 4.25
6,448	x 4.25
27,405	x 4.25
116,472	x 4.25
495,008	x 4.25
2,103,787	After 8 generations. (From the flood until the beginning of the construction of the Great Pyramid was 300 years = 37.5 years per "birth" generation. This is nicely within the range given in Genesis 11.

* Males born to the second generation:

Japheth:

Gomer, Magog, Madai, Javan, Tubal, Meshech, Tiras (7)

Ham:

Cush, Mizraim, Phut, Canaan (4)

Shem:

Elam, Asshur, Arphaxad, Lud, Aram (5)

TOTAL: 16 (average = 5.33)

+ Males born to the third generation:

Gomer (3)	\	
Javan (4)	\	Average = 4.25
Cush (6)	/	
Aram (4)	/	