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Kips Bay



- Kips Bay is an R-8 District. It is a residential district. There is no height limit on buildings, so we could add floors to the existing buildings. The building must have a sky exposure plane (sloping roof) beginning at a height of 85 feet above the street.

- The total population of people living in Kips Bay Plaza is 50,742 people according to the 2010 Census Data.

- According to the census tract and

New York City Population Density, the population density is about 150,000 people per acre.

- My neighborhood has become denser over time. In the 1950's the population density was about 100,000 people per acre. Then the population density appears to decline in the 1960, to about 50,000 people per acre. However, that number increased from the 1960's to 2010 to about 150,000 people per acre (NYC Population Density).
- Additional services that absorb additional housing units: additional citibikes to improve transportation. More cashiers at Trader Joe's is a must as well. Another bus route would also improve the commuting experience of Kips Bay. Sanitation services and law enforcement would also need to be increased in Kips Bay due to the large amount of incoming residents. Parking garages would also be helpful to those who would commute by car. Small businesses and restaurants will be needed as well. Another library would be beneficial as well. A fitness center would also be a necessity to the increase of residents. We would like to have more recycling bins in our neighborhood as well.

What is the maximum number of people who could live in Kips Bay?

- Maximum kids in schools?
 - **Assumption**
 - The data does not account for classes for students with special needs. Those class sizes will vary.
 - Assume that the influx of people are all only children

- **Premise**

- The UFT contract establishes limits for class size as follows:
 - Pre-kindergarten: 18 students with a teacher and a paraprofessional.
 - Kindergarten: 25 students.
 - Grades 1-6: 32 students.
 - Junior high school/middle school: 33 students in non-Title I schools; 30 in Title I schools.
 - High school: 34 students; 50 in physical education/gym.
- Currently there are 126 kids in Kindergarten. Based on NYC regulations, there must be 6 teachers (126/25). However, one those teachers is not teaching to maximum ($6 \times 25 = 150$), so 24 K students can be accepted into P.S. 40.
- Ps 116 Mary Lindley Murray

Enrollment Over Time

(Includes General and Special Education Students)


	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
All Students	775	724	642	591	539
Grade	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Kindergarten	138	109	96	72	87
Grade 1	149	128	95	92	72
Grade 2	117	134	113	89	86
Grade 3	108	115	117	101	75
Grade 4	132	105	117	113	99
Grade 5	131	133	104	124	120
Grade 6					

- Current Student population: 539
- Additional Students Kindergarten: 4 teachers, + 13 kid
- Additional Students Grade 1: 3 teachers, + 24 kid
- Additional Students Grade 2: 3 T, + 10
- Additional Students Grade 3: 3 T, +21
- Additional Students Grade 4: 4T, + 29
- Additional Students Grade 5: 4 T, + 8
- Additional Students Grade 6: Unable to determine
- Total housing that can be added: 105
- E33, between 2nd and 3rd Avenue - add housing


○ 47 the American Sign Language and English Lower School (Title 1)

Department of Education
Career Paths, Charter


Select School Type: K-12 Select School: 02M347 (K-8) — The 47 American Sign Language & English Lower Scho Select Year: 2016-17



Student Population and Characteristics



School Conditions and Practices



Student Achievement Outcomes

Enrollment Over Time
(Includes General and Special Education Students)

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
All Students	154	151	135	129	140
Grade	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Kindergarten	32	31	23	19	26
Grade 1	16	23	16	18	21
Grade 2	25	11	20	14	17
Grade 3	11	27	12	18	13
Grade 4	11	8	21	13	17
Grade 5	10	8	11	19	12
Grade 6	18	12	6	11	16
Grade 7	13	17	10	6	11
Grade 8	18	14	16	11	7

○

- Current Student population: 140
- Additional Students Kindergarten: 2 teachers, + 24 kid
- Additional Students Grade 1: 1 teacher, + 11 kid
- Additional Students Grade 2: 1 T, + 15
- Additional Students Grade 3: 1 T, +19
- Additional Students Grade 4: 1 T, + 15
- Additional Students Grade 5: 1 T, + 17
- Additional Students Grade 6: 1T, + 16
- Additional Students Grade 7: 1 T, + 19
- Additional Students Grade 8: 1T, + 23
- Total additional housing: 159
- 24th between 2nd and 3rd

- Jhs 104 Simon Baruch (Assume Title 1)

Enrollment Over Time

(Includes General and Special Education Students)		2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
-	All Students	1030	1034	1073	1113	1145
	Grade	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
	Grade 6	326	323	391	366	373
	Grade 7	363	330	342	401	369
	Grade 8	341	381	340	346	403

- Current Student population: 1145
- Additional Students Grade 6: 13T, +17
- Additional Students Grade 7: 13 T, + 21
- Additional Students Grade 8: 14T, + 17
- Total additional Housing: 55
- E 21 between 2nd and 3rd
- Unity Center For Urban Technologies

and Characteristics

and Practices

Outcomes

Enrollment Over Time

(Includes General and Special Education Students)		2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
-	All Students	261	255	284	301	261
	Grade	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
	Grade 9	106	91	91	89	68
	Grade 10	58	89	80	87	77
	Grade 11	42	34	71	55	59
	Grade 12	55	41	42	70	57

- Current Student population: 261
- Additional Students Grade 9: 2T, +0
- Additional Students Grade 10: 3T, +25
- Additional Students Grade 11: 2T, + 14
- Additional Students Grade 12: 2T, + 11
- Total Additional housing: 50
- E 30th Between Lexington and 3rd avenue
- Manhattan Academy For Arts And Languages

Enrollment Over Time

(Includes General and Special Education Students)

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
All Students	266	312	334	288	288
Grade	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Grade 9	110	82	117	95	87
Grade 10	108	126	102	98	99
Grade 11	48	40	45	44	60
Grade 12		64	70	51	42

- Current Student population: 288
- Additional Students Grade 9: 3T, +15
- Additional Students Grade 10: 3T, + 3
- Additional Students Grade 11: 2T, + 148
- Additional Students Grade 12: 2T, + 26
- Total additional housing: 192
- 29th between Lexington and Third

Brookdale - College Aged students

- 13 floors + 4 floors
- 46 rooms that are singles
- 782 college students enter
- Add a shuttle from brookdale to Hunter, to lessen the amount of people on the M15 and 6 train. Should decrease amount of people by about 800 kids.

Additional Transportation service

- Add a bus line on Third Ave
 - Add bus, instead of a train because train construction would take too long
 - Also, buses improve walkability
 - New housing will border third ave
- Add city bikes near the AMC movie theatre, new the walk path, near schools, and brookdale
- Crowded trains lead to delays so if we decrease the amount of delays by adding bikes, a new bus line and shuttle buses to Hunter, we will improve the experience of old and new residents in Kips Bay.

Additional Park

- Add a park near the water to accommodate for the influx of kids in the school

Additional Recycling bins

- Put them near the bike stations and schools and park

References

<https://www.nytimes.com/2007/06/26/nyregion/26mta.html>

- Extend the length of the platform
- Longer trains
- New second avenue subway
- Develop the computerized signal sys., so trains can run closer together and thus the number of of trains that run on a track would increase.
- More trains = better for environment
- 6 train falls under the “A division”
 - Tend to be late b/c these are the old trains
- “no additional trains can be added to the schedule during rush hours because the tracks they use are already handling the maximum number possible, and most of the rush hour trains are already crammed with an overflow of riders.”
 - NEED TO ADD A NEW SUBWAY LINE, SINCE TRAINS ARE ALREADY MAXED OUT-or bus line
- “posit that every rider should have at least a three-square-foot space to stand in (that translates to a square patch of car floor 20 inches on each side)”
- “The J, Z and M trains, which run from Queens to Manhattan and Brooklyn, are far from using their full capacity, both on the tracks and inside the cars. All three lines had an on-time performance close to 99 percent in April.”
 - Redirect the J, Z, or M train into Kips Bay?
 - Need to look at a subway map - where do people in Kips Bay travel?
- How many cars are on a 6 train?

- <https://pedestrianobservations.com/2018/02/06/the-subway-in-new-york-is-not-at-capacity/>

Line	Peak tph	Seats	Standee area	Passengers	Passengers/m ²
1	18	7,920	3,312	13,424	1.66
2/3 Uptown	23	9,200	4,393	28,427	4.38
A/D	17	9,792	3,980	23,246	3.38
B/C	13	6,994	2,899	12,614	1.94
4/5 Uptown	24	8,640	4,752	28,230	4.12
6	21	9,240	3,864	21,033	3.03
F Queens	13	5,967	3,560	17,816	3.33
N/Q/R	23	10,908	6,179	29,005	2.93
E/M	22	8,568	5,856	22,491	2.38
7	24	9,504	5,227	20,895	2.18
L	19	6,080	4,321	23,987	4.14
J/M/Z	19	6,384	4,363	16,657	2.68
F Brooklyn	14	6,426	3,834	14,280	2.05
B/D/N/Q (4 tracks)	38	18,612	10,008	43,550	2.49
A/C	20	10,112	4,504	21,721	2.58
2/3 Brooklyn	16	6,400	3,056	13,536	2.34
R	8	4,608	1,873	5,595	0.53
4/5 Brooklyn	20	7,200	3,960	16,504	2.35

https://www.huffingtonpost.com/2012/09/26/new-york-class-size-uft_n_1914357.html

- Student to teacher laws - max kids in a school

https://tools.nycenet.edu/guide/2017/#dbn=02M040&report_type=EMS

- Current students in each grade

<http://www.p12.nysed.gov/accountability/T1/titleia/pdfs/AllNYCSchoolswithStatus-SortedbyBEDSCode-V-2015-16.pdf>

- Title 1 school or not