

# Edison School Neighborhood Network Area Survey

In September 2007, members of the Edison School Neighborhood Network (ESNN) conducted a door-to-door survey of residences in the Edison School District, to sample the number of kindergarten students expected to enroll at Edison Elementary School in upcoming years. Data from the survey was cross-referenced with records of recent home sales in the Edison District, in order to compare average student numbers among households recently moving into the area with those who have resided in the area for longer. This report provides information about how the survey was conducted, summarizes the survey results, draws some conclusions based on the survey results, and makes recommendations for further action. In particular:

- **The ESNN survey results show that the 2007 Lapkoff and Gobalet Demographic Report projections for K enrollment in the East End are underestimating demand for Edison School.**
- **The survey data cross-referenced with home sales data shows that for residences within the sample, the number of households with children, and of those with expected future kindergarten enrollees, appear to have increased sharply in recent years.**

## *Survey coverage*

Survey members polled 796 residences within the Edison District, by calling in person on each residence and asking questions to obtain data about children in the household. A sample of the survey instrument is shown below, and a map of the streets surveyed is included on page 5 of the report.

Address:		children in house?			children under age 5?		Notes:	
house #	street	yes or no	AUSD? or Other?	if AUSD, grade(s)	# kids under 5	if YES & AUSD: Bday(s) mm/yy (or age on 12/1/07)		Name of person doing survey
1234	Main Street	Y	AUSD	1 <sup>st</sup> , 3 <sup>rd</sup>	1	1/05	Moved here for schools	sh

- **Of the 796 residences surveyed, 647 residences (81%) responded.**

Data from Fidelity National Title Insurance Company was used to determine that the total number of residences within the Edison School District bounded by Park Street and Central Avenue to the northeastern end of the island is approximately 1,957. This number was cross-checked by using GIS data from the City of Alameda Planning department, as well as aerial survey maps.

- **The survey sample represents approximately 33% of all residences in the Edison District.**

## *Survey results*

### **Total number of Kindergarten students surveyed**

The residences that responded to the survey yielded 154 students currently expecting to enroll for Kindergarten at Edison School, in the years 2008 through 2012. Of the 152 that provided ages for their children, we found:

Enrollment year	2008	2009	2010	2011	2012
<b>Number of students from the surveyed population (33% of the area) expecting to enroll for Kindergarten at Edison</b>	30	44	36	28	14

## Kindergarten Students with Siblings

For the expected totals of kindergarten enrollees identified in the survey, the following table shows the relative numbers having a sibling already at Edison (assuming none of the enrollees are diverted):

Enrollment year	2008	2009	2010	2011	2012
Number of expected K students from the surveyed population having an older sibling already at Edison	16	15	19	14	9
Number of expected K students without a sibling at Edison	14	29	17	14	5

## Households with Children

The survey data was analyzed to count the number of households with children age 18 and under, and of these, with children under age 5 who expect to enroll for Kindergarten at Edison

- **Of the 647 households responding, 271 households (42%) have children.**
- **Of the 271 households with children, 117 households (43%) have children expecting to enroll for kindergarten at Edison between 2008 and 2012.**

## *Survey results cross-referenced with home sales within last 10 years*

Data from the Multiple Listing Service (MLS) for the period 1997 – 2007 was used to derive a list of residences within the Edison District that were sold during the last ten years. Approximately 597 residences were found to have sold in the Edison District within the last ten years. Multiple sales of the same residence were removed from the list, leaving only the most recent sale for any given residence. The resulting list was then cross referenced with the survey response data, to provide comparative statistics for households that have recently moved into the district, versus those that have resided in the district for a longer period of time.

- **Of the 647 residences responding to the overall ESNN survey, approximately 217 residences (34%) were found to have sold during the last ten years.**
- **Of these 217 ‘recently-arrived’ households, 148 households (68%) have children.**
- **Of the 148 ‘recently-arrived’ households with children, 98 households (66%) have children expecting to enroll for Kindergarten at Edison between 2008 and 2012.**
- **Based on our survey, ‘recently-arrived’ households are more likely to have children than longer-term residents, and more likely to have children expecting to enroll for Kindergarten at Edison between 2008 and 2012 than longer-term residents.**

For the survey as a whole, 42% of the 647 responding households had children, and of these, 43% had children under age 5 who expect to enroll in Kindergarten at Edison in 2008-2012. Comparing these to the results from the recently-arrived households, we found that the proportion of sampled households with children is 62% higher among ‘recently-arrived’ households than among longer-term residents. And even more important, the proportion of sampled households with children that include expected future K enrollees is 53% higher among ‘recently-arrived’ households than for longer-term residents.

The 2007 Lapkoff and Gobalet Demographic study did cite “positive grade progression” in the area East of Park (page 23) as an indicator that “many families are moving into the area, a result of housing turnover.” But Kindergarten enrollment projections were still calculated using standard Kindergarten to Birth (K/B) ratios (page 23, page 40, and page 45).

***Survey results cross-referenced with home sales within last 2 years***

Further analysis was done with the subset of approximately 111 residences sold in the area within the last two years (7/1/2005 to 8/7/2007), also obtained through MLS data. A similar overall percentage of survey coverage, and percentage of households with children was observed for residences selling within the last ten years.

- **Of the 111 residences sold in the last two years, the ESNN survey included 35 households (32%) that responded.**
- **Of the 35 ‘newly-arrived’ residences that were surveyed, 24 households (69%) have children.**
- **Of the 24 ‘newly-arrived’ households with children that were surveyed, 20 households (83%) have children expecting to enroll for kindergarten at Edison between 2008 and 2012.**

Comparing these to the results from the recently arrived households, we found that newly-arrived households are even more likely than longer-term residents to have children under the age of 5. The proportion of sampled households with children that include expected future kindergarten enrollees is 93% higher among ‘newly-arrived’ households than among longer-term residents.

The real estate cross-reference results are summarized in the table below:

Percentage of Households	Overall ESNN Survey (647 residences, ~33% of area)	Recently-Arrived Households (217 residences from 10-year MLS real estate turnover data, 1997-2007)	Newly-Arrived Households (35 residences from 2-year MLS real estate turnover data, 7/05 – 8/07)
With children 18 and under	42%	68%	69%
With children 18 and under, and children under age 5 expected to enroll in Edison Kindergarten 2008-2012	43%	66%	83%

## *Conclusions*

While the ESNN survey covered approximately 33% of the residences within the Edison School Area, the sample data does not represent a statistically random selection across all residences, and therefore cannot be reasonably used to project numbers for the entire district. But the ESNN survey results do show that the 2007 Lapkoff and Gobalet Demographic Report projections for Kindergarten enrollment in the East End are underestimating demand for Edison School. That report used a traditional Kindergarten to Birth rate (K/B) assumption to predict K enrollment, rather than looking at an adjusted “student yield” that would reflect the higher numbers of families with young children that have moved into the area.

The survey data, when cross-referenced with recent home sales data, shows that for residences within the sample, the number of households with children, and the number of those households with expected future kindergarten enrollees, appear to have increased sharply in recent years. In particular, the ESNN survey does agree with the Demographic Report (page 23) in projecting a significant enrollment increase for 2009 which was based upon a higher birth rate in 2004. Therefore,

- **We recommend that the District and Board of Education establish and make public the number of students with siblings already at Edison who are expected to attend in 2008-2012. This number should be analyzed in combination with the ESNN survey results to better understand capacity issues.**
- **We also recommend that the District and Board of Education reach out to all parents of young children in the Edison Area, and those of the other AUSD elementary schools, to obtain a more accurate picture of the numbers of expected Kindergarten enrollees in upcoming years. A timely understanding of these numbers will allow the District to prepare for and facilitate enrollment of neighborhood children at their neighborhood school.**

To assist the District in its capacity planning efforts, addresses from the ESNN survey of families with children expecting to attend Edison will be forwarded to the Superintendent’s office.

*Respectfully submitted by the Data Team from the Edison School Neighborhood Network, including Andy Currid, Whitney Gabriel, Heather Hildreth, Scott Hildreth, and Anne Neunsinger. We would like to acknowledge the significant help of Joan Allen, Chantal Currid, Shelly Hamalian, Janine Hayward, Su-Lin Hennecke, Karie Jett, Linda Pederson, and others who gathered data, and all of the residents who shared their time and support participating in the survey.*

# Residences sampled by ESNN survey

