

# Sarasota County Schools Long Range Plan



*SARASOTA*  
*COUNTY SCHOOLS*



planning | design | engineering

DRAFT Results  
June 16, 2015

# Presentation Overview

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- 1 Background/Purpose**
- 2 Findings**
- 3 Next Steps**

# Background

- Economic downturn followed by recovery period
- Study to address Growth Management issues:
  - ✓ Future growth levels, timing & location
  - ✓ Student generation rates
  - ✓ Ability to accommodate new students
  - ✓ Identify and prioritize future expansion sites
  - ✓ Concurrency/LOS assessment
  - ✓ Funding alternatives

# Purpose

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- Initial results:
  - ✓ Future growth levels, timing & location
  - ✓ Student generation rates
  - ✓ Ability to accommodate new students
    - Existing capacity
    - New schools/additions
    - Identify & prioritize future expansion sites

# Purpose

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- For Consideration:

- Use of Portables
- Attendance Boundaries / Redistricting

# Acronyms

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- **BEBR** – Bureau of Economic and Business Research, University of Florida
- **LRTP / MPO** – Long Range Transportation Plan / Metropolitan Planning Organization
- **SGR** – Student generation rate
- **FISH** – Florida Inventory of School Houses

# Presentation Overview

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- 1** Background/Purpose
- 2** Findings
- 3** Next Steps

# Methodology

Population  
Data



Projected  
Housing  
Units



Elementary Students

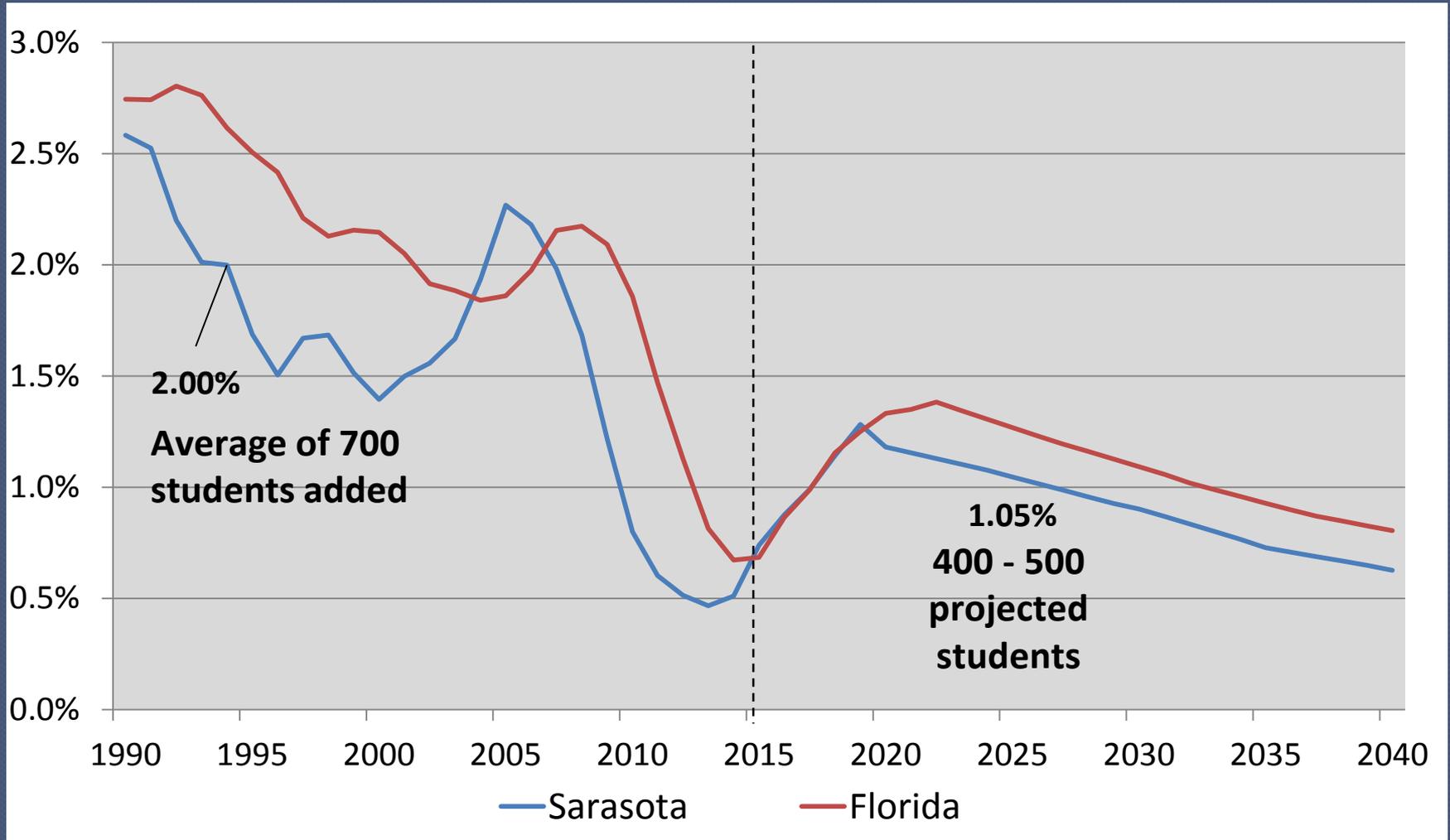
Middle School Students

High School Students



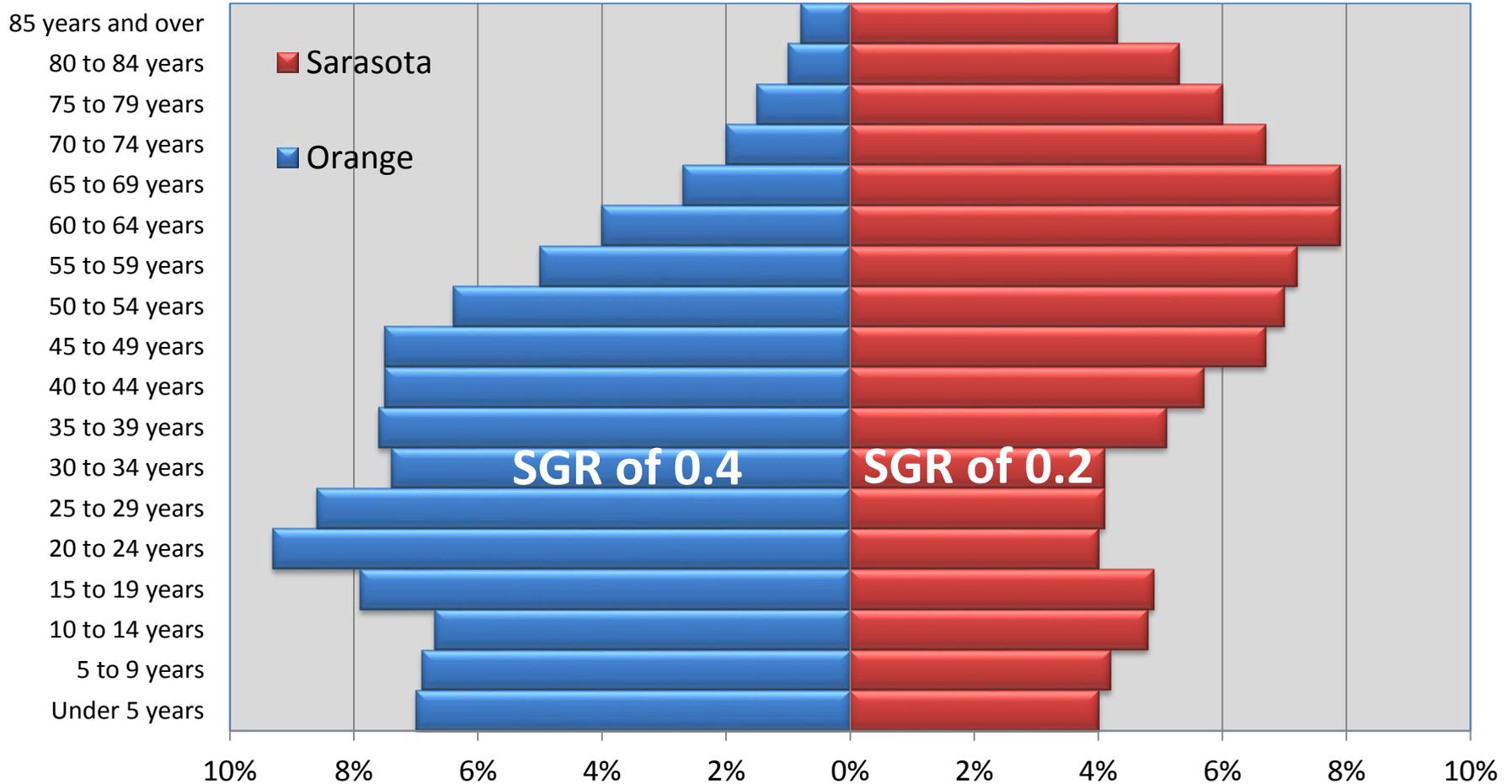
Student  
Generation  
Rates

# Historical and Projected Growth for Sarasota and Florida

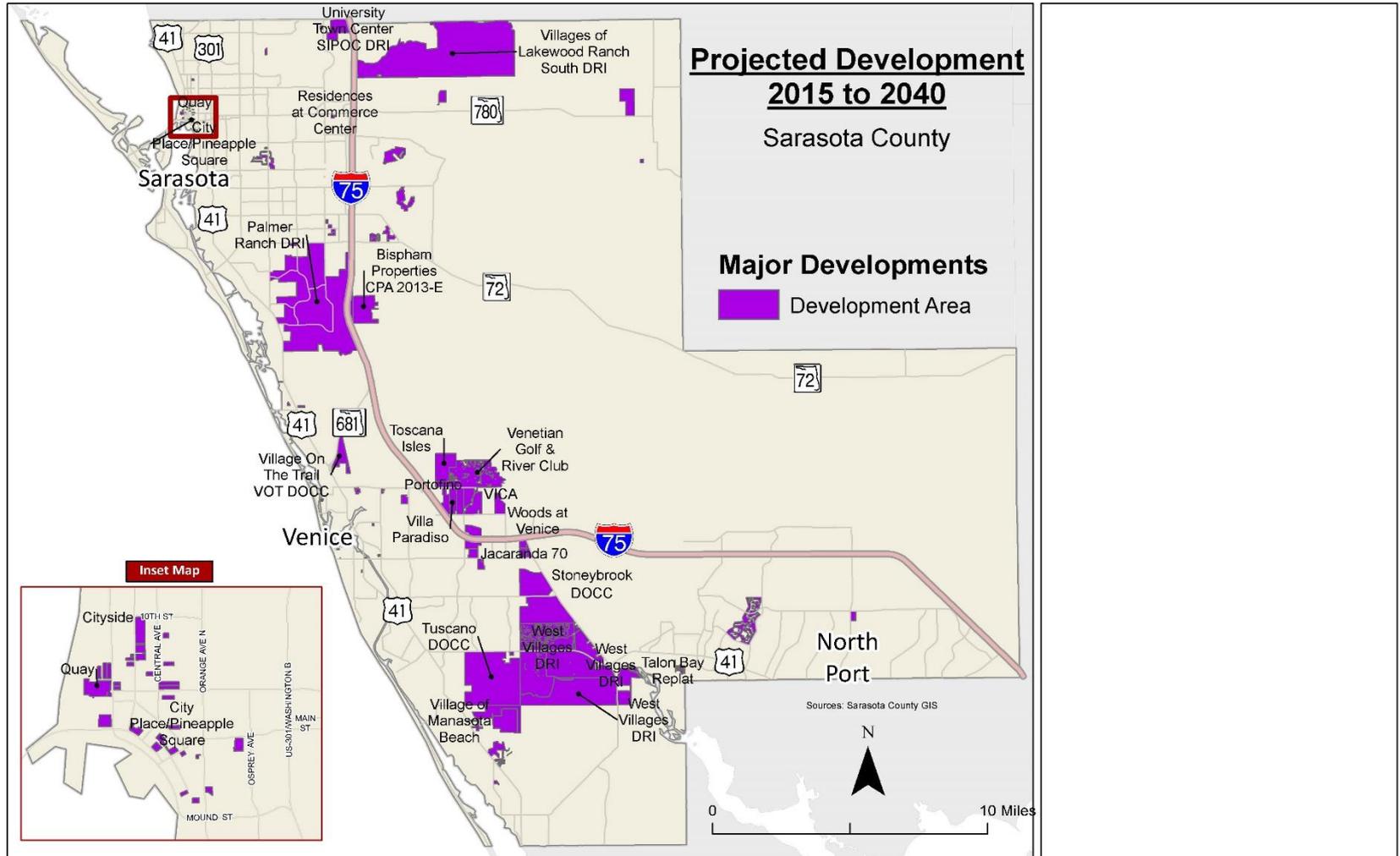


# Age Distribution

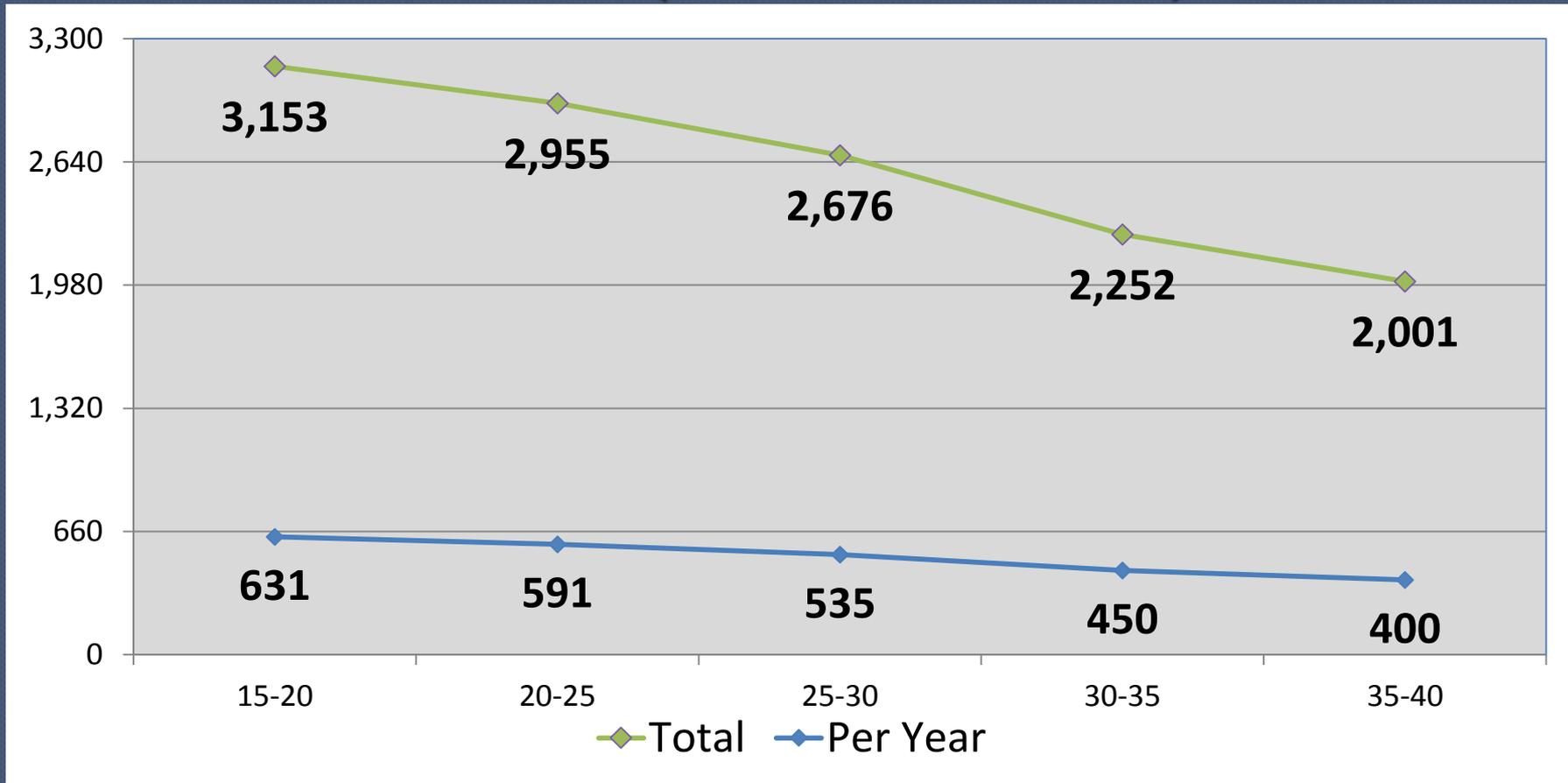
## Orange County vs. Sarasota County



# Planned Development



# Projected Students (2015 – 2040)



Projected students for all new homes in Sarasota County  
SGR of 0.22

# LOS Measurement

- FISH vs. Program Capacity
  - ✓ FISH: Based on DOE definition
  - ✓ Program: Based on actual use
- Current Ratios of Program to FISH Capacity:
  - ✓ Elementary & Middle  $\approx 85\%$
  - ✓ High  $\approx 97\%$

# LOS Measurement

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- Planning Level Program to FISH Capacity
  - ✓ Elementary: 85%
  - ✓ Middle: 90%
  - ✓ High: 95%

# Projected Schools

## Student Projections - Low vs. High Growth

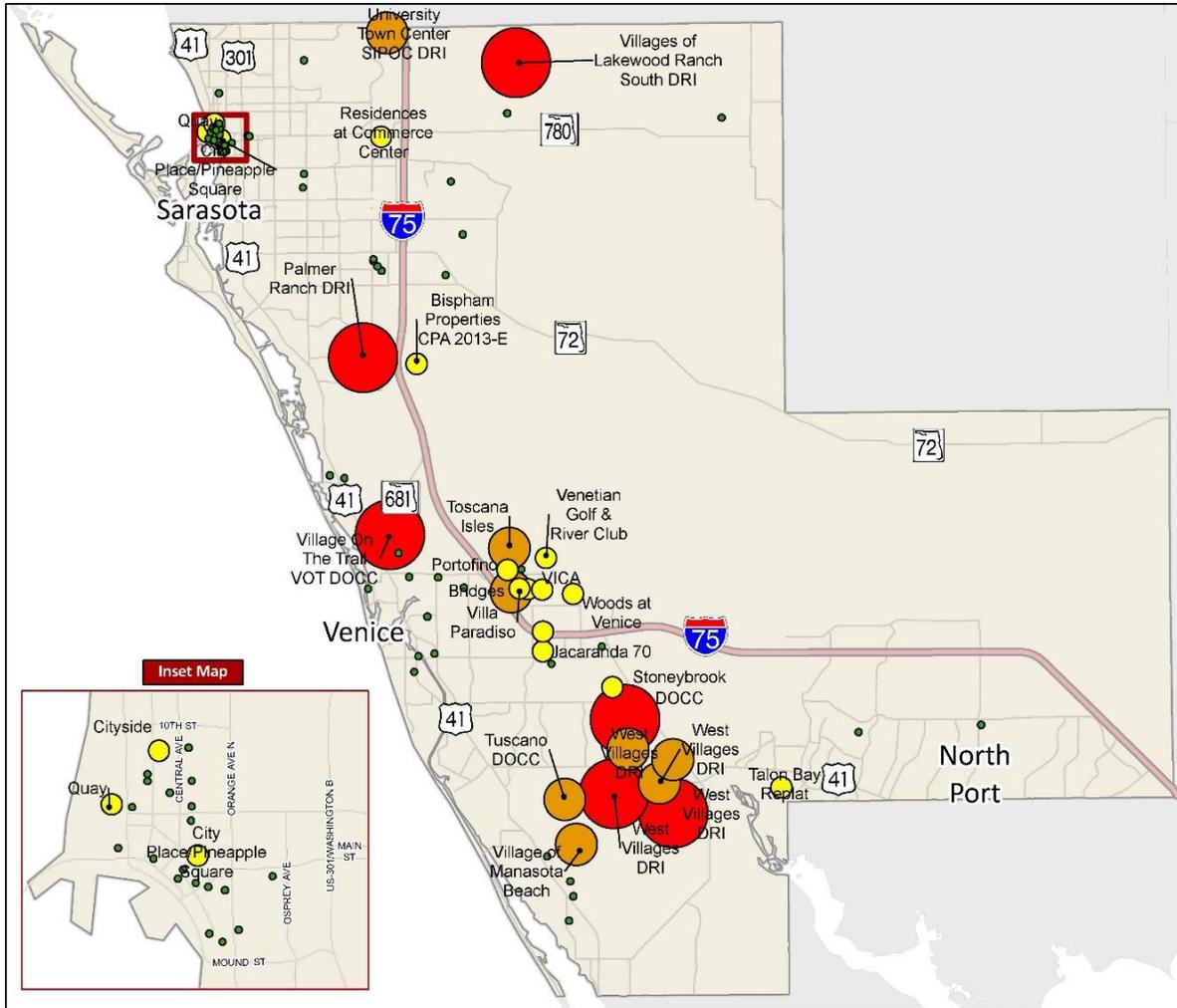
Period	Elementary		Middle		High	
	0.08 / FISH	0.10 / Program	0.04 / FISH	0.05 / Program	0.05 / FISH	0.07 / Program
	Schools	Schools	Schools	Schools	Schools	Schools
15-20	1	2	0	0	0	0
20-25	1	2	0	1	0	0
25-30	1	1	1	0	1	1
30-35	1	1	0	1	0	0
35-40	1	1	0	0	0	1
<b>Totals</b>	<b>5</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>

**No seats**  
 available  
**4,600** students  
 added

**2,800** seats  
 available  
**2,200** students  
 added

**1,000** seats  
 available  
**3,100** students  
 added

# Future Development Locations



## Projected Development

**2015 to 2040**

Sarasota County

### Students Added

- 1 - 50
- 51 - 200
- 201 - 400
- 401 - 2772

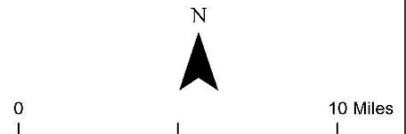
### Percent of Total Student Generation

1. West Villages - 33%
2. Villages of Lakewood Ranch - 9%
3. Palmer Ranch - 4%
4. Grand Palm - 3%
5. Village on the Trail - 3%

**Student Generation Rate for NEW Homes = 0.22**

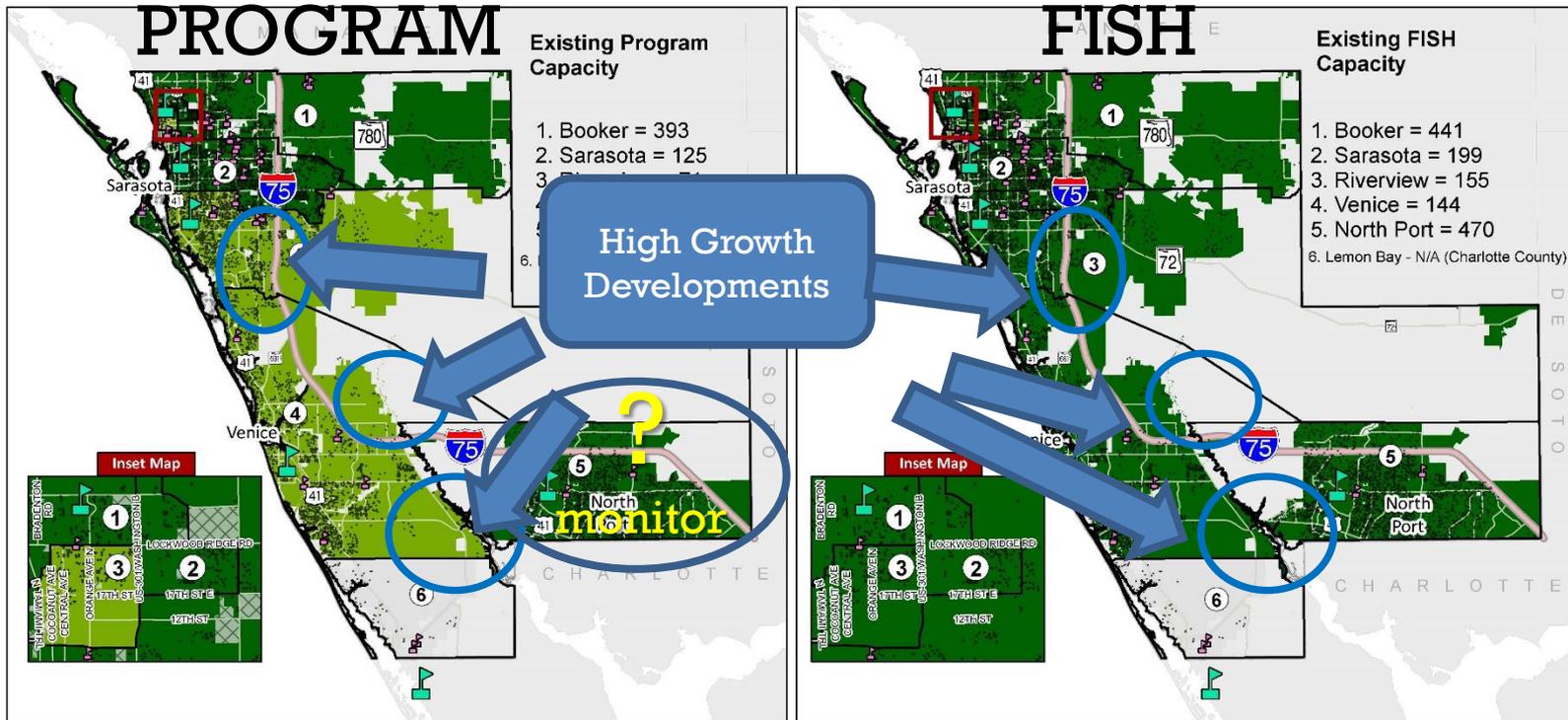
**13,037 Projected New Students**

Sources: Sarasota County GIS



# Locational Analysis

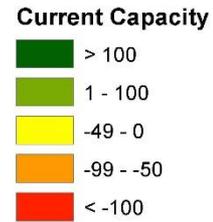
## High Schools: Current Conditions



**High School Existing Conditions**  
Sarasota County



- Attendance Boundary
- Conservation and Park Land
- P Existing Private School
- H Existing High School
- High School Student



**Average School Size = 2,200 Students**

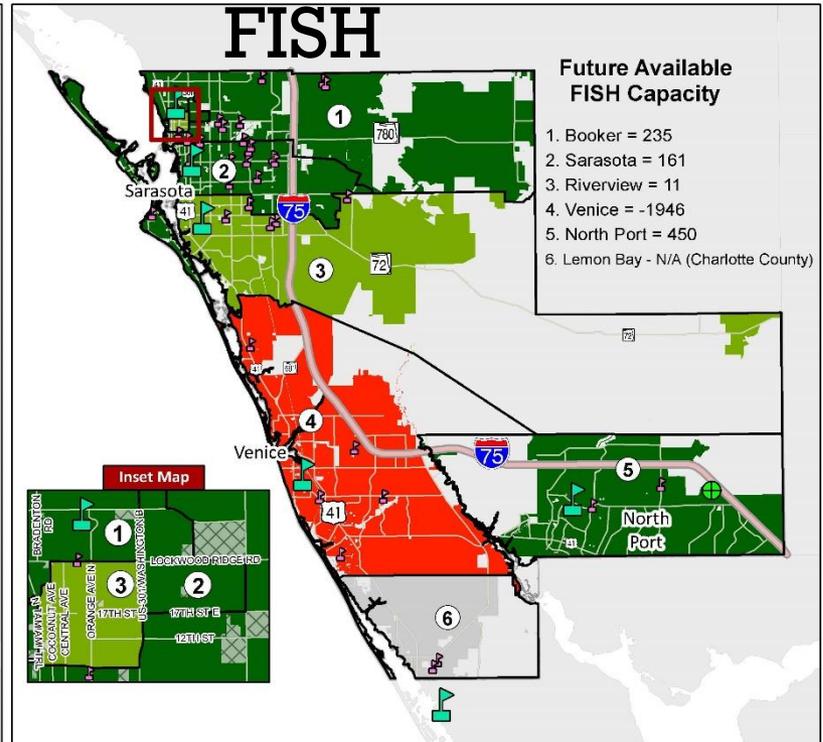
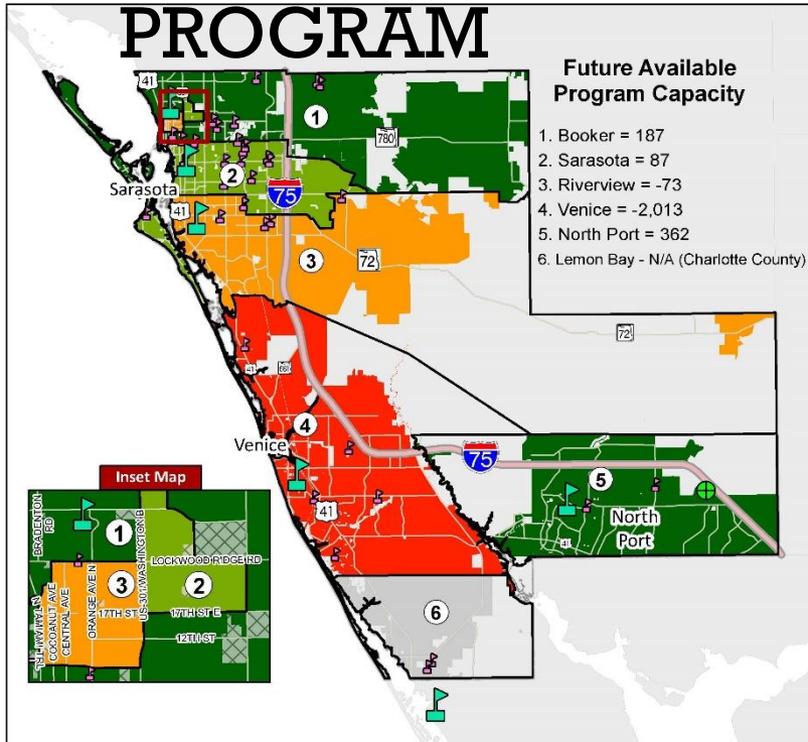
Current System-Wide Program Capacity = 1,048

Current System-Wide FISH Capacity = 1,409

Sources: Sarasota County School Board and Sarasota County GIS

# Locational Analysis

## High Schools: 2027 Development



**High School  
Future Student Capacity  
2027**

Sarasota County

N



Sources: Sarasota County School Board and Sarasota County GIS

-  Attendance Boundary
-  Existing Private School
-  Existing High School
-  Future High School; Land Owned by District

**2027 Available Capacity**

-  > 100
-  1 - 100
-  -49 - 0
-  -99 - -50
-  < -100

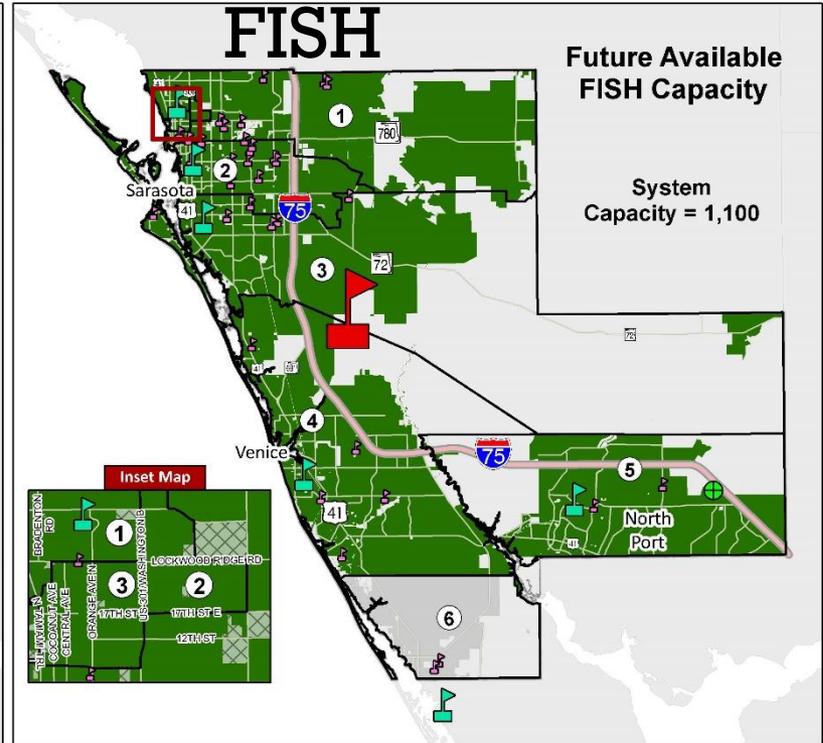
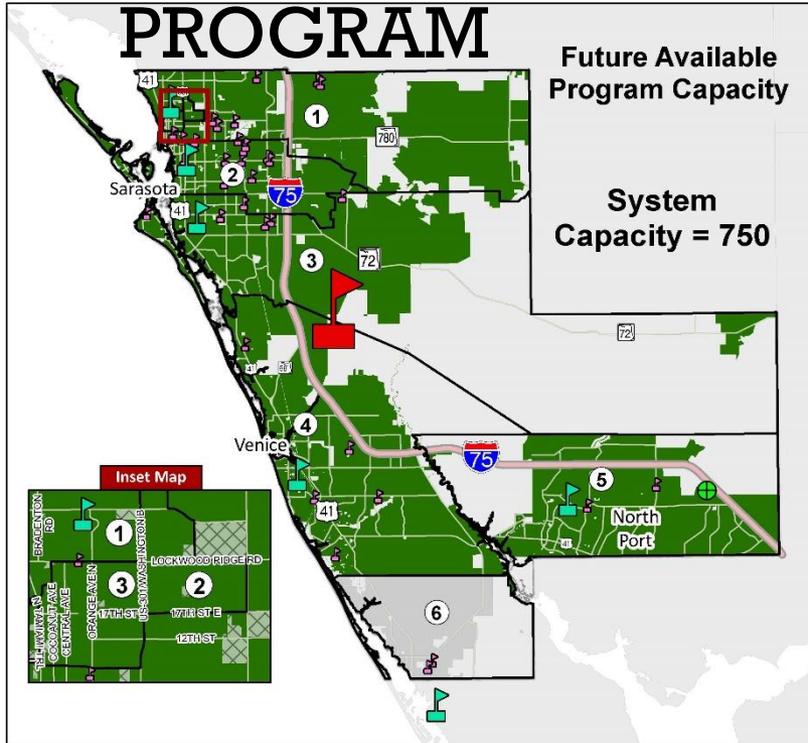
**Attendance Boundaries**

- |              |                                 |
|--------------|---------------------------------|
| 1. Booker    | 4. Venice                       |
| 2. Sarasota  | 5. North Port                   |
| 3. Riverview | 6. Lemon Bay (Charlotte County) |

**2027**

# Locational Analysis

## High Schools 2027: 1 New HS



**High School**  
**Future Student Capacity**  
**2027**

Sarasota County

N

0 15 Miles

Sources: Sarasota County School Board and Sarasota County GIS

-  Attendance Boundary
-  Existing Private School
-  Existing High School
-  Future High School; Land Owned by District
-  New School

**2027 Available Capacity**

-  > 100
-  1 - 100
-  -49 - 0
-  -99 - -50
-  < -100

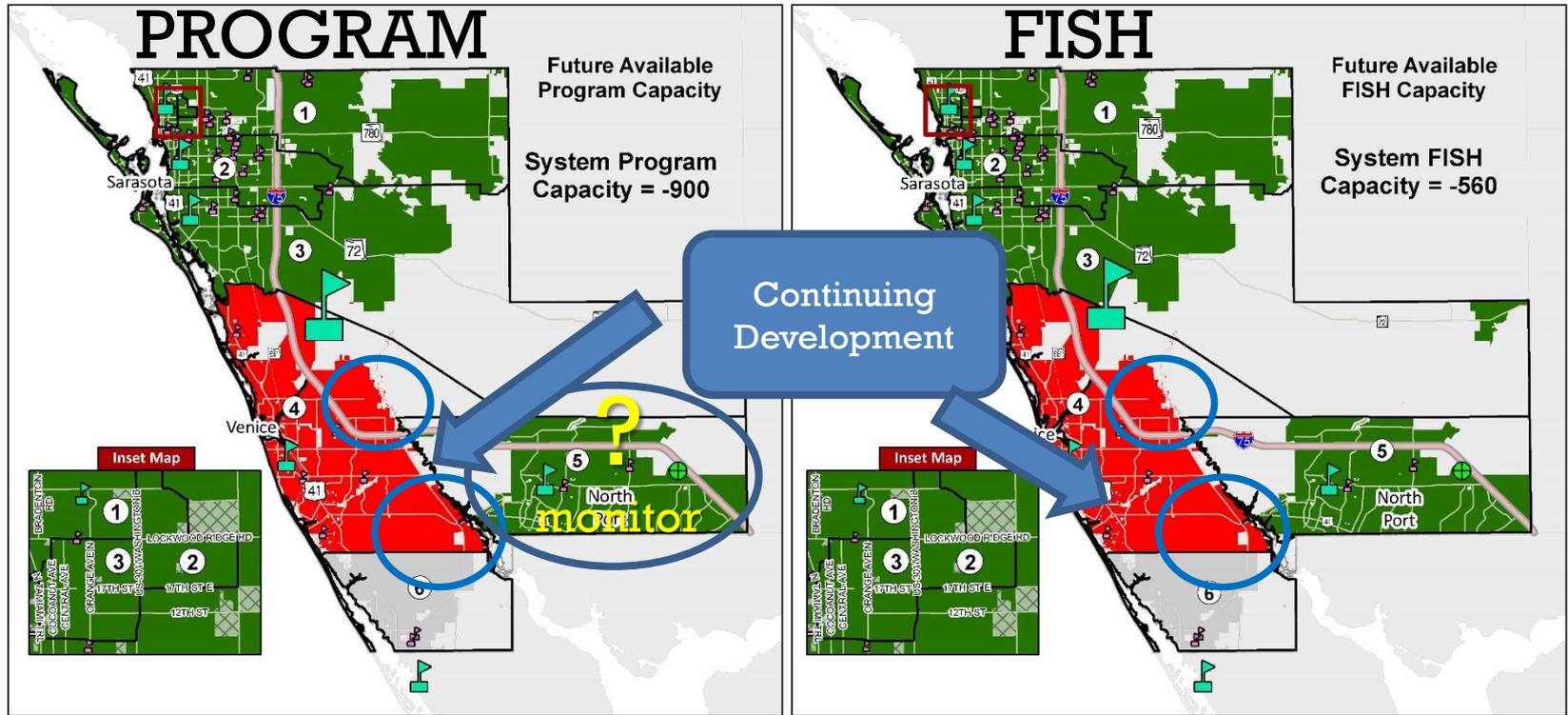
**Attendance Boundaries**

- 1. Booker
- 2. Sarasota
- 3. Riverview
- 4. Venice
- 5. North Port
- 6. Lemon Bay (Charlotte County)

**2027**

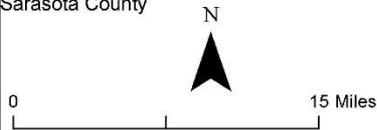
# Locational Analysis

## High Schools: 2040 Development



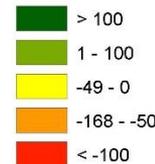
**High School  
Future Student Capacity  
2040**

Sarasota County



-  Attendance Boundary
-  Existing Private School
-  Existing High School
-  Future High School;  
Land Owned by District

**Future Available Capacity**



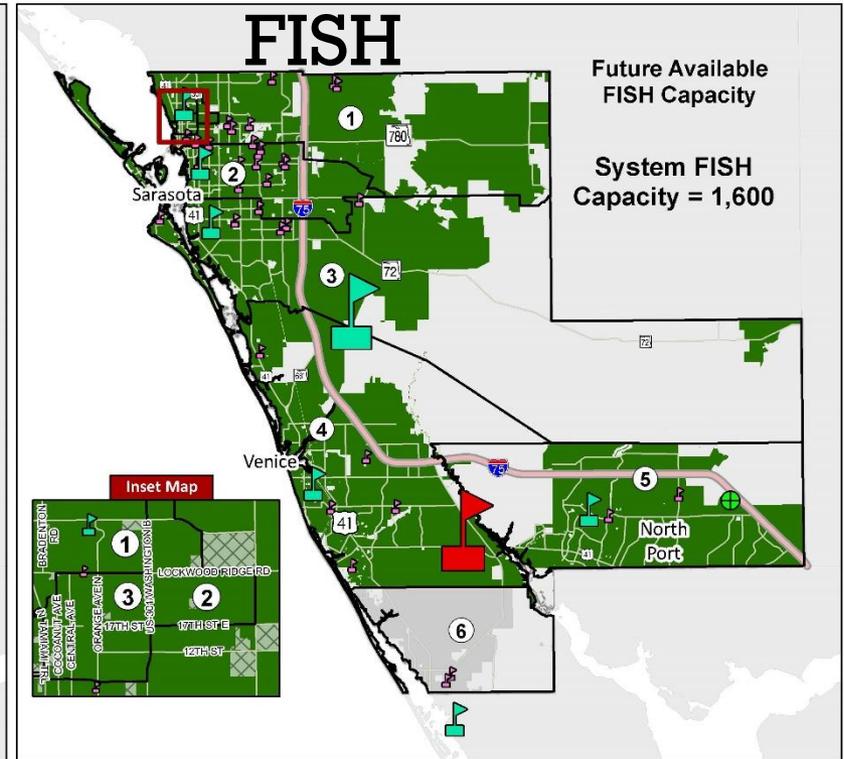
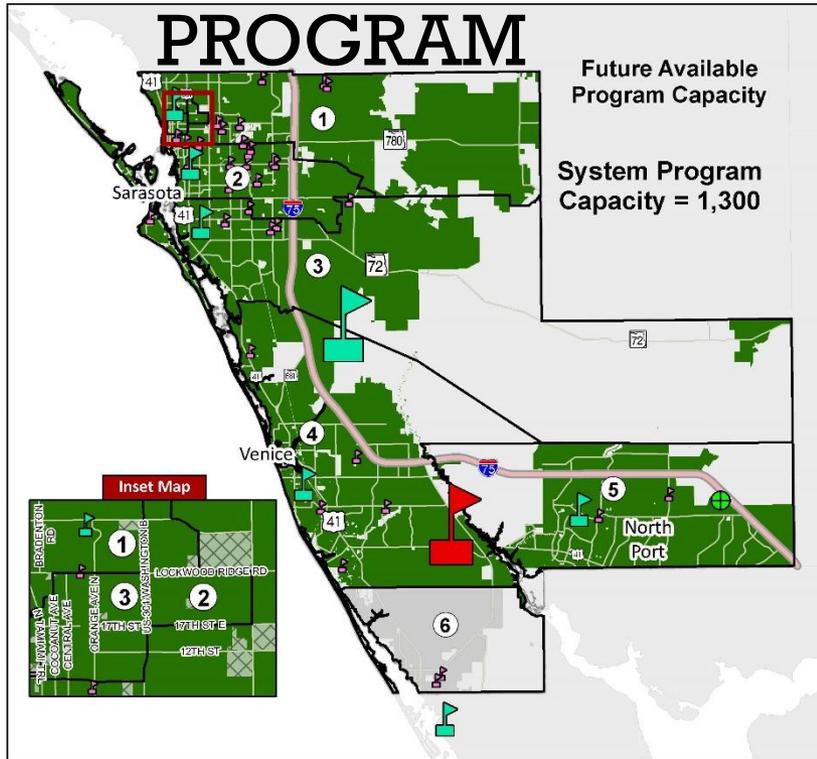
**Attendance Boundaries**

- 1. Booker
- 2. Sarasota
- 3. Riverview
- 4. Venice
- 5. North Port
- 6. Lemon Bay (Charlotte County)

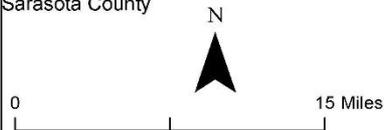
**2040**

# Locational Analysis

## High Schools 2040: 2 HS

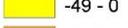


**High School**  
**Future Student Capacity**  
**2040**  
Sarasota County



Sources: Sarasota County School Board and Sarasota County GIS

-  Attendance Boundary
-  Existing Private School
-  Existing High School
-  Future High School; Land Owned by District
-  New School

- Future Available Capacity**
-  > 100
  -  1 - 100
  -  -49 - 0
  -  -168 - -50
  -  < -100

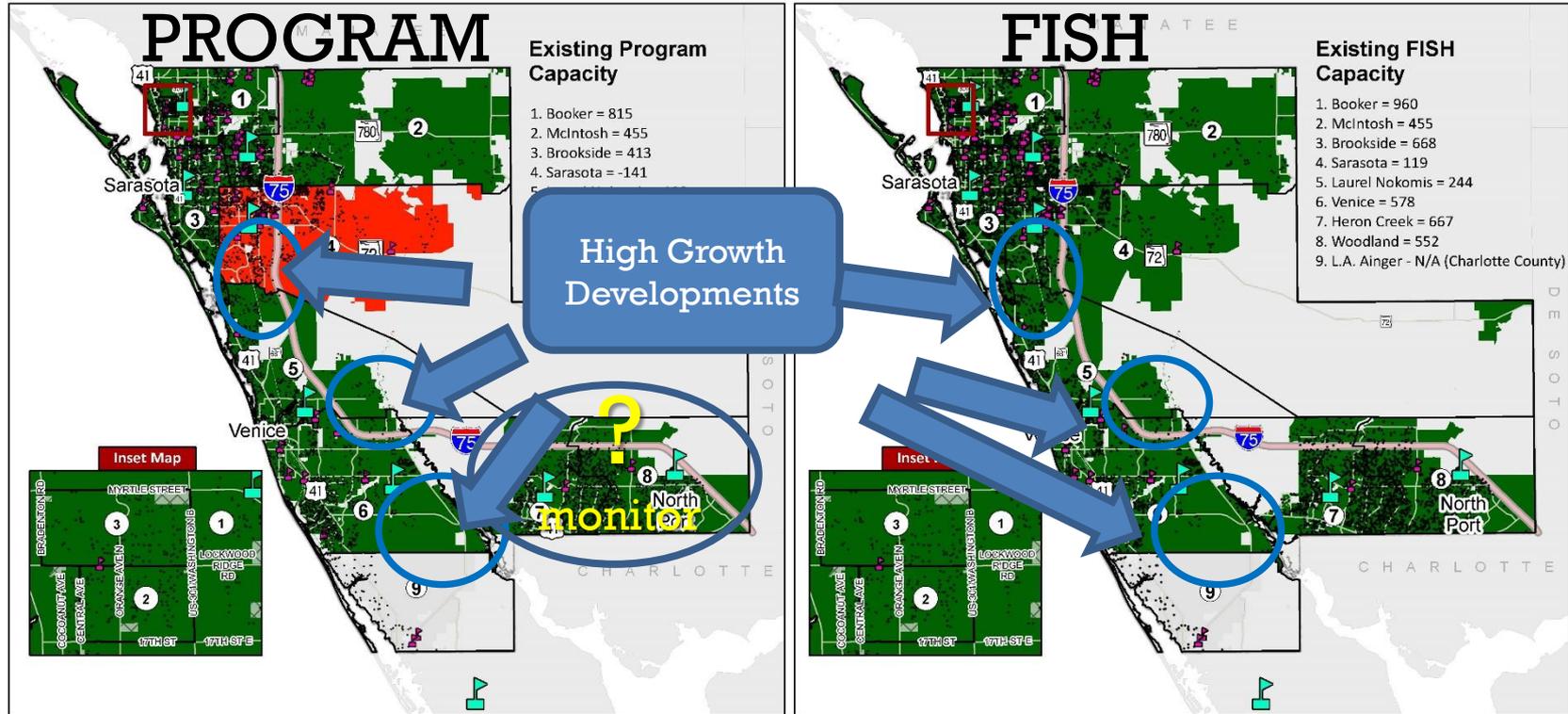
**Attendance Boundaries**

- 1. Booker
- 2. Sarasota
- 3. Riverview
- 4. Venice
- 5. North Port
- 6. Lemon Bay (Charlotte County)

**2040**

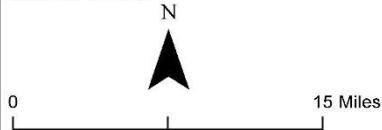
# Locational Analysis

## Middle Schools: Current Conditions



### Middle School Existing Conditions

Sarasota County



-  Attendance Boundary
-  Conservation and Park Land
-  Existing Private School
-  Existing Middle School
-  Middle School Students

### Current Capacity

-  > 100
-  1 - 100
-  -49 - 0
-  -99 - -50
-  < -100

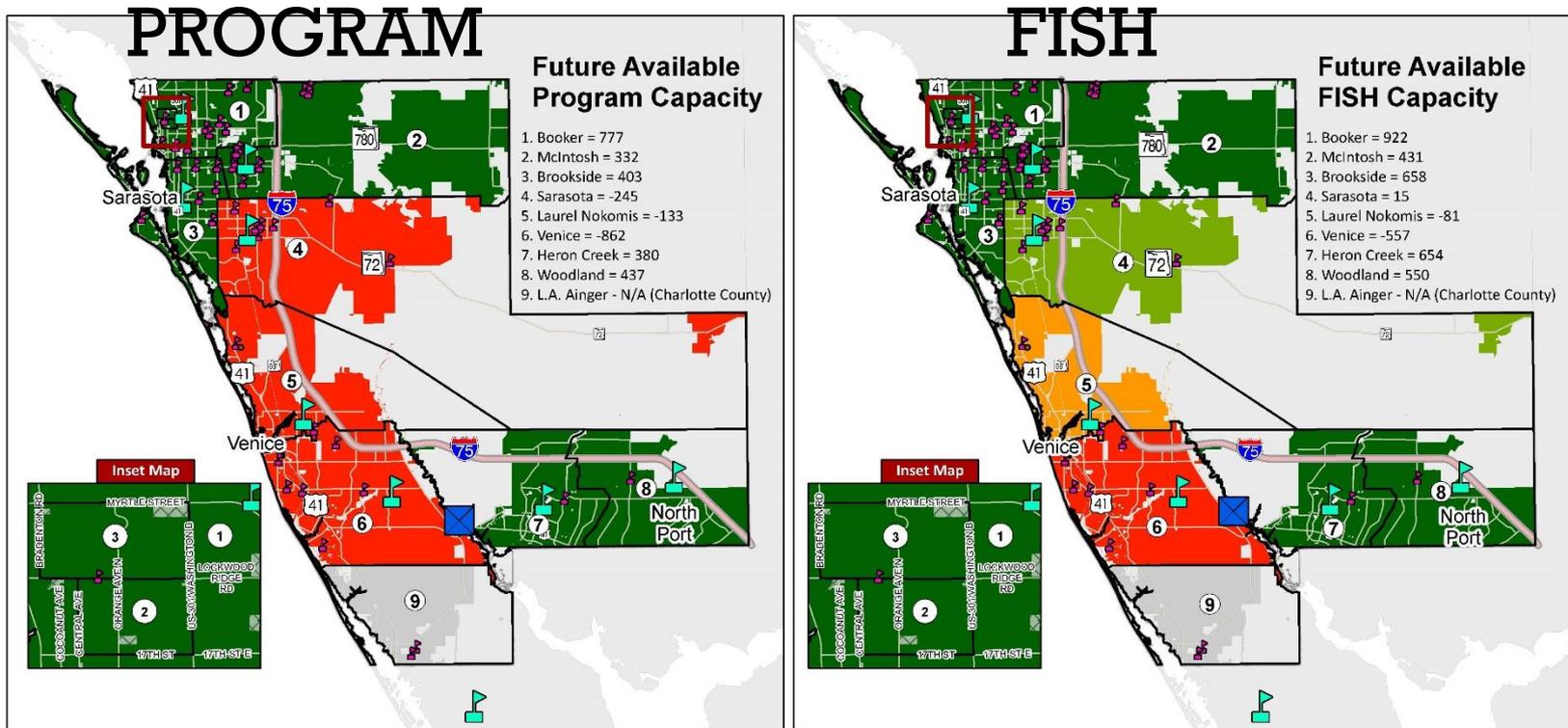
### Average School Size = 1,400 Students

Current System-Wide Program Capacity = 2,839

Current System-Wide FISH Capacity = 4,342

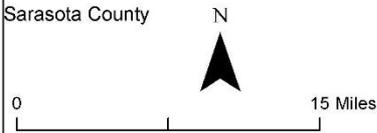
# Locational Analysis

## Middle Schools: 2027 Development



**Middle School  
Future Student Capacity  
2027**

Sarasota County



Sources: Sarasota County School Board and Sarasota County GIS

-  Attendance Boundary
-  Conservation and Park Land
-  Existing Private School
-  Existing Middle School
-  Conceptual K-8 School
-  New School

**2027 Available Capacity**

-  > 100
-  1 - 100
-  -49 - 0
-  -99 - -50
-  < -100

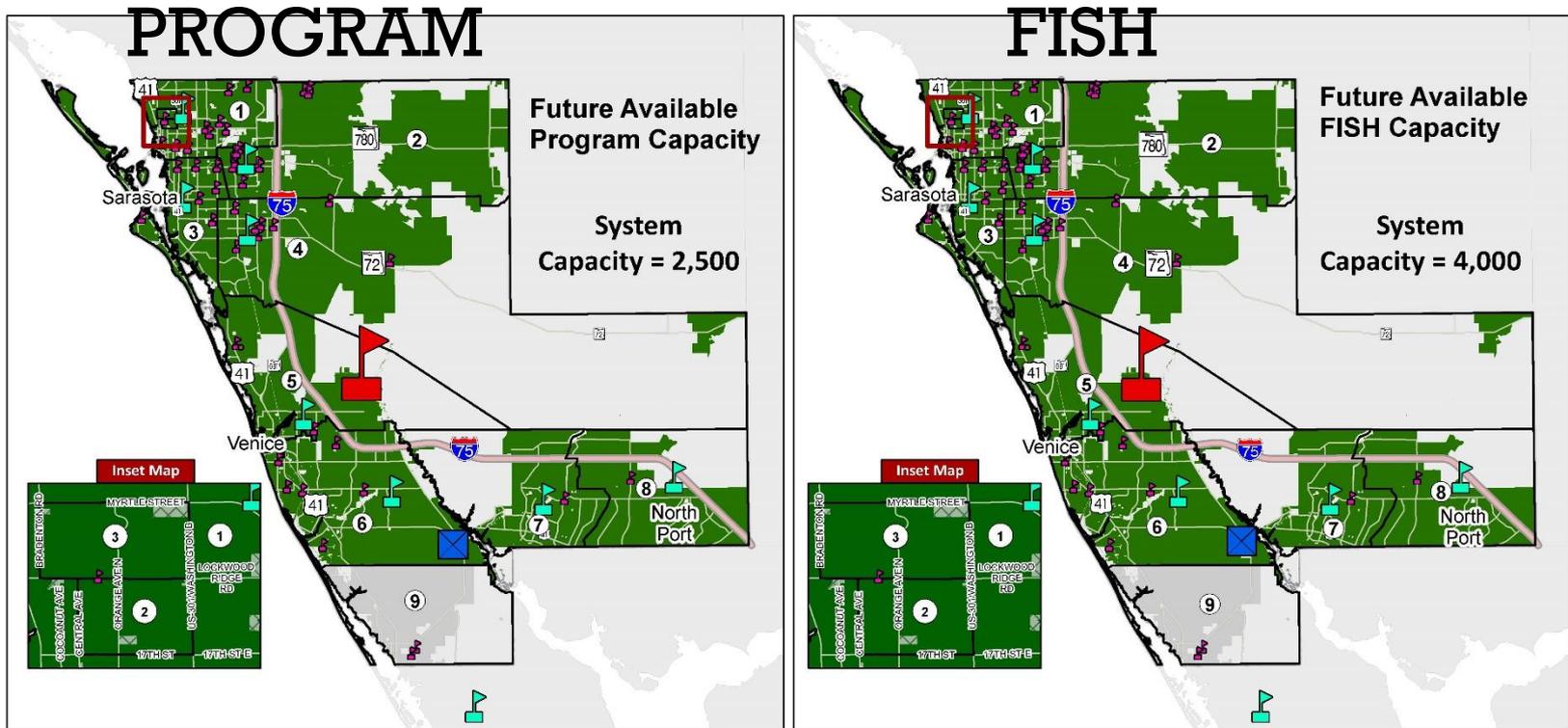
**Attendance Boundaries**

- |              |                                   |
|--------------|-----------------------------------|
| 1. Booker    | 5. Laurel Nokomis                 |
| 2. McIntosh  | 6. Venice                         |
| 3. Brookside | 7. Heron Creek                    |
| 4. Sarasota  | 8. Woodland                       |
|              | 9. L.A. Ainger (Charlotte County) |

# 2027

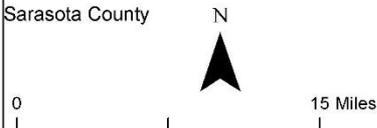
# Locational Analysis –

## Middle Schools 2027: 1 New MS



**Middle School  
Future Student Capacity  
2027**

Sarasota County



Sources: Sarasota County School Board and Sarasota County GIS

-  Attendance Boundary
-  Conservation and Park Land
-  Existing Private School
-  Existing Middle School
-  Conceptual K-8 School
-  New School

**2027 Available Capacity**

-  > 100
-  1 - 100
-  -49 - 0
-  -99 - -50
-  < -100

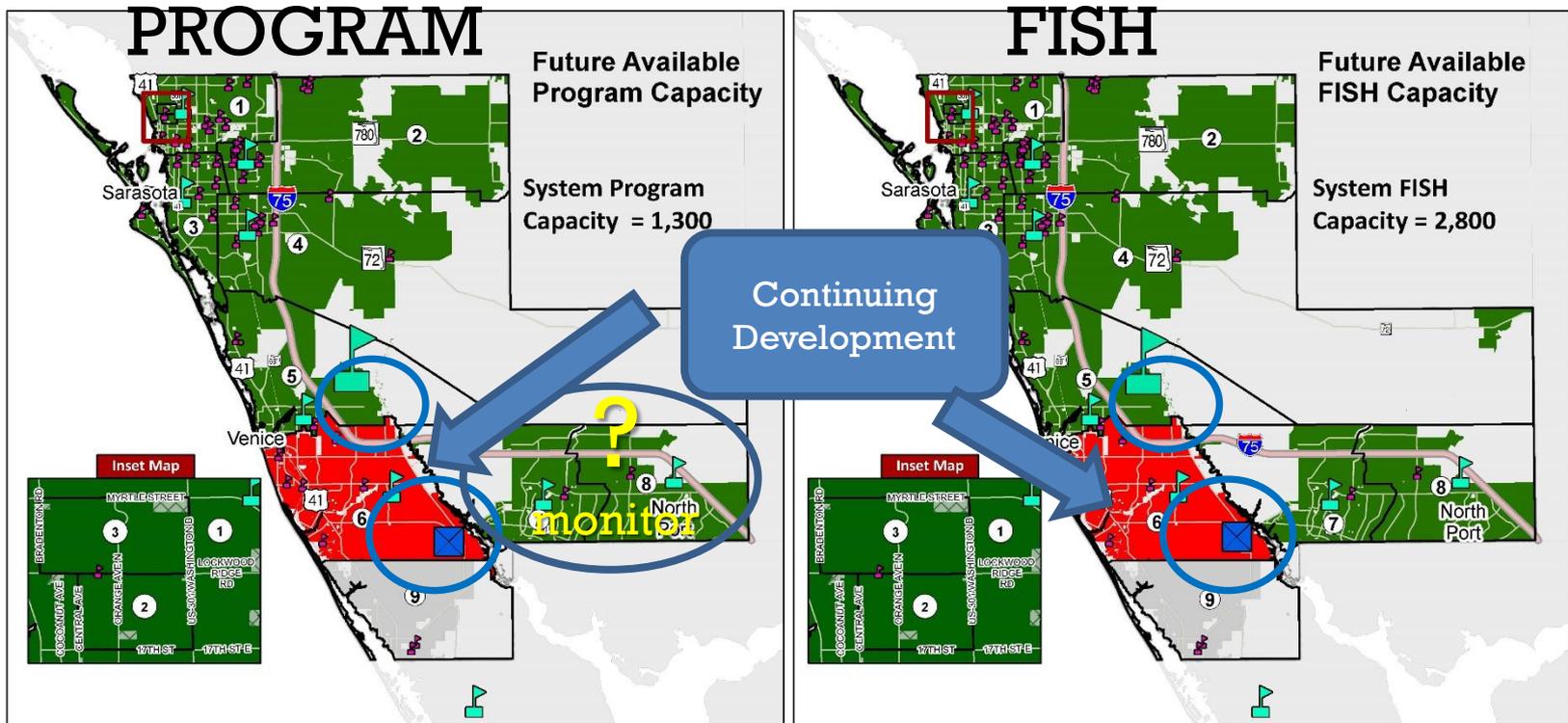
**Attendance Boundaries**

- 1. Booker
- 2. McIntosh
- 3. Brookside
- 4. Sarasota
- 5. Laurel Nokomis
- 6. Venice
- 7. Heron Creek
- 8. Woodland
- 9. L.A. Ainger (Charlotte County)

**2027**

# Locational Analysis

## Middle Schools: 2040 Development



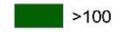
**Middle School  
Future Student Capacity  
2040**

Sarasota County



-  Attendance Boundary
-  Conservation and Park Land
-  Existing Private School
-  Existing Middle School
-  New School
-  Conceptual K-8 School

**Future Available Capacity**

-  >100
-  1 - 100
-  -49 - 0
-  -99 - -50
-  < -100

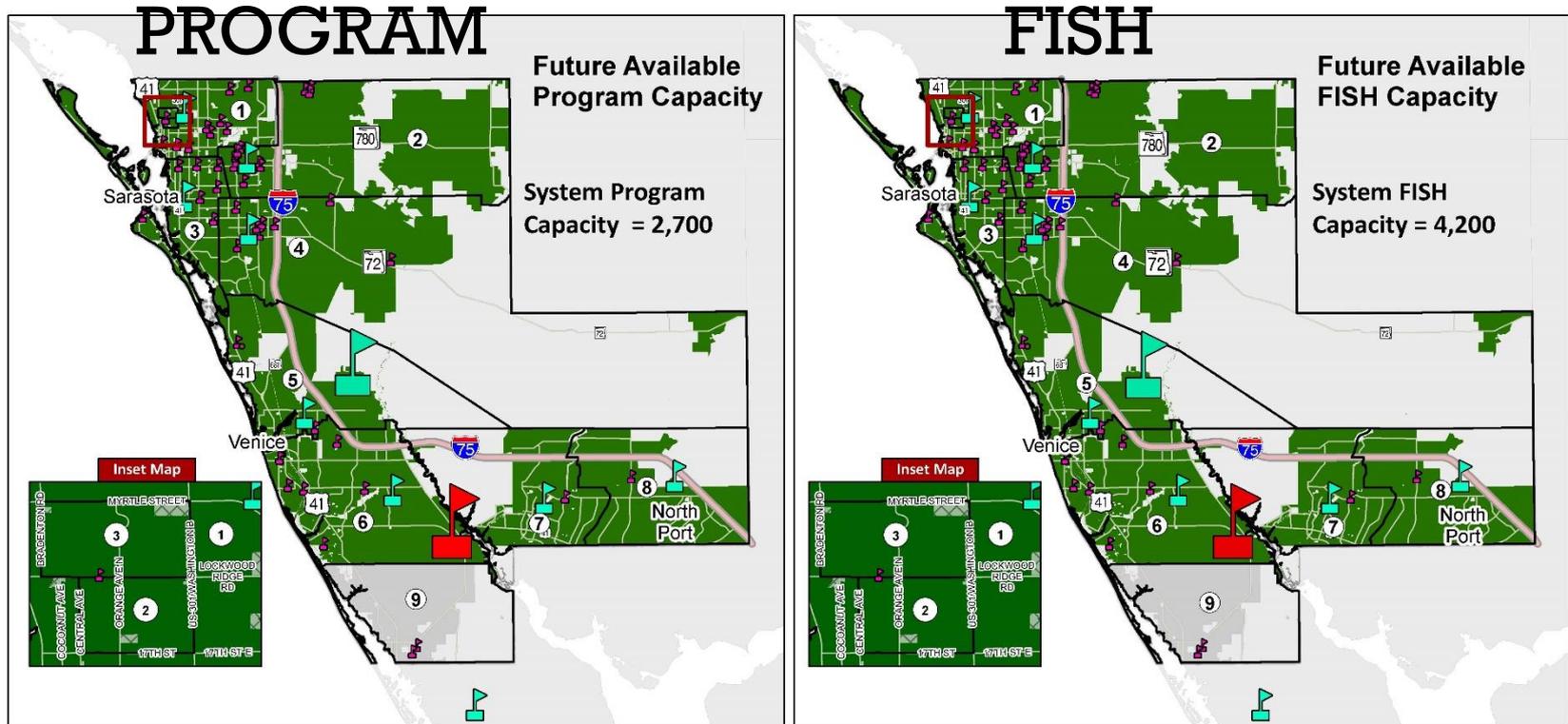
**Attendance Boundaries**

1. Booker
2. McIntosh
3. Brookside
4. Sarasota
5. Laurel Nokomis
6. Venice
7. Heron Creek
8. Woodland
9. L.A. Ainger (Charlotte County)

**2040**

# Locational Analysis

## Middle Schools 2040: 2 MS



**Middle School  
Future Student Capacity  
2040**

Sarasota County



0 15 Miles

-  Attendance Boundary
-  Conservation and Park Land
-  Existing Private School
-  Existing Middle School
-  New School

**Future Available Capacity**

-  >100
-  1 - 100
-  -49 - 0
-  -99 - -50
-  < -100

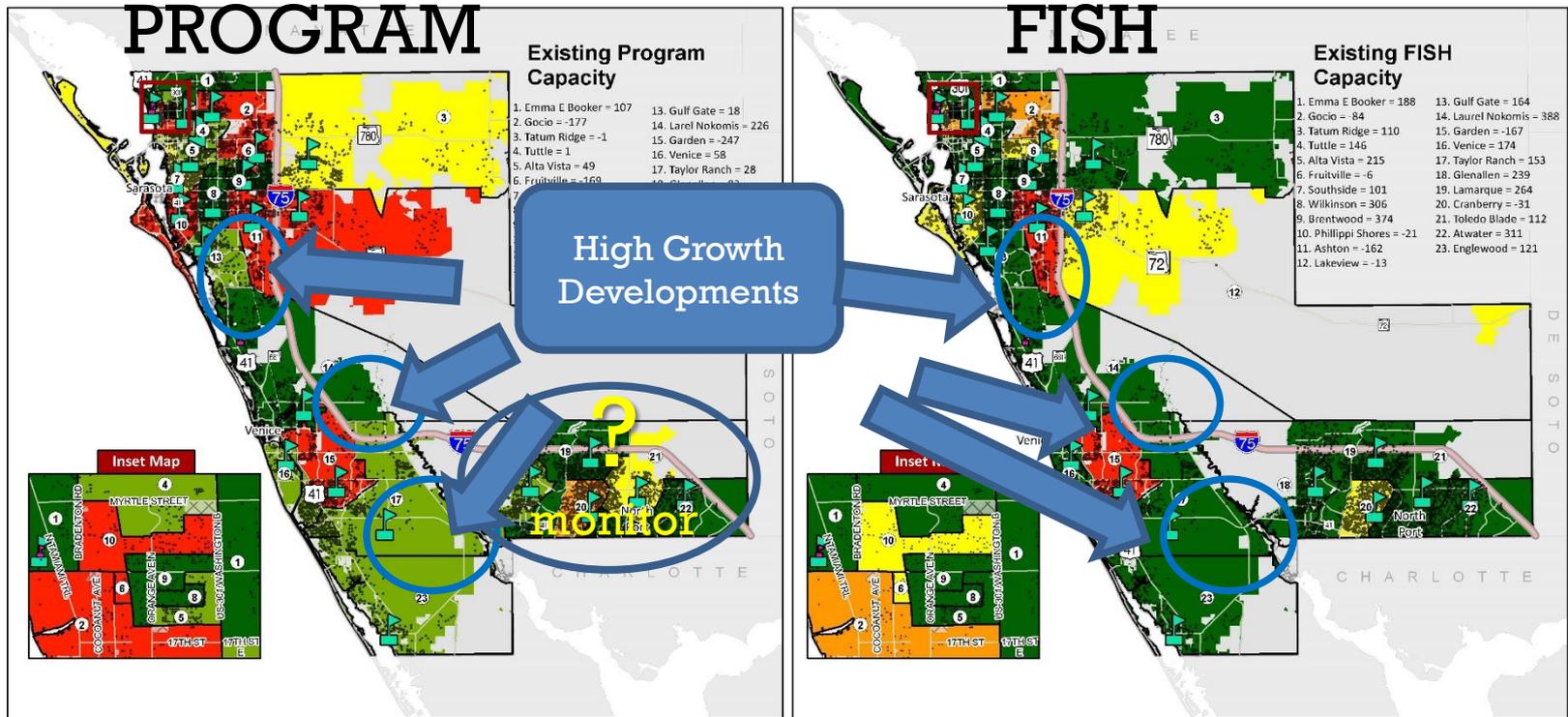
**Attendance Boundaries**

- 1. Booker
- 2. McIntosh
- 3. Brookside
- 4. Sarasota
- 5. Laurel Nokomis
- 6. Venice
- 7. Heron Creek
- 8. Woodland
- 9. L.A. Ainger (Charlotte County)

**2040**

# Locational Analysis

## Elementary Schools: Current Conditions



**Elementary School Existing Conditions**

Sarasota County



Sources: Sarasota County School Board and Sarasota County GIS

**Legend**

- Attendance Boundary
- Conservation and Park Land
- Existing Alternative/Magnet School
- Existing Elementary School
- Elementary Student

**Current Capacity**

- > 100
- 1 - 100
- 49 - 0
- 99 - -50
- < -100

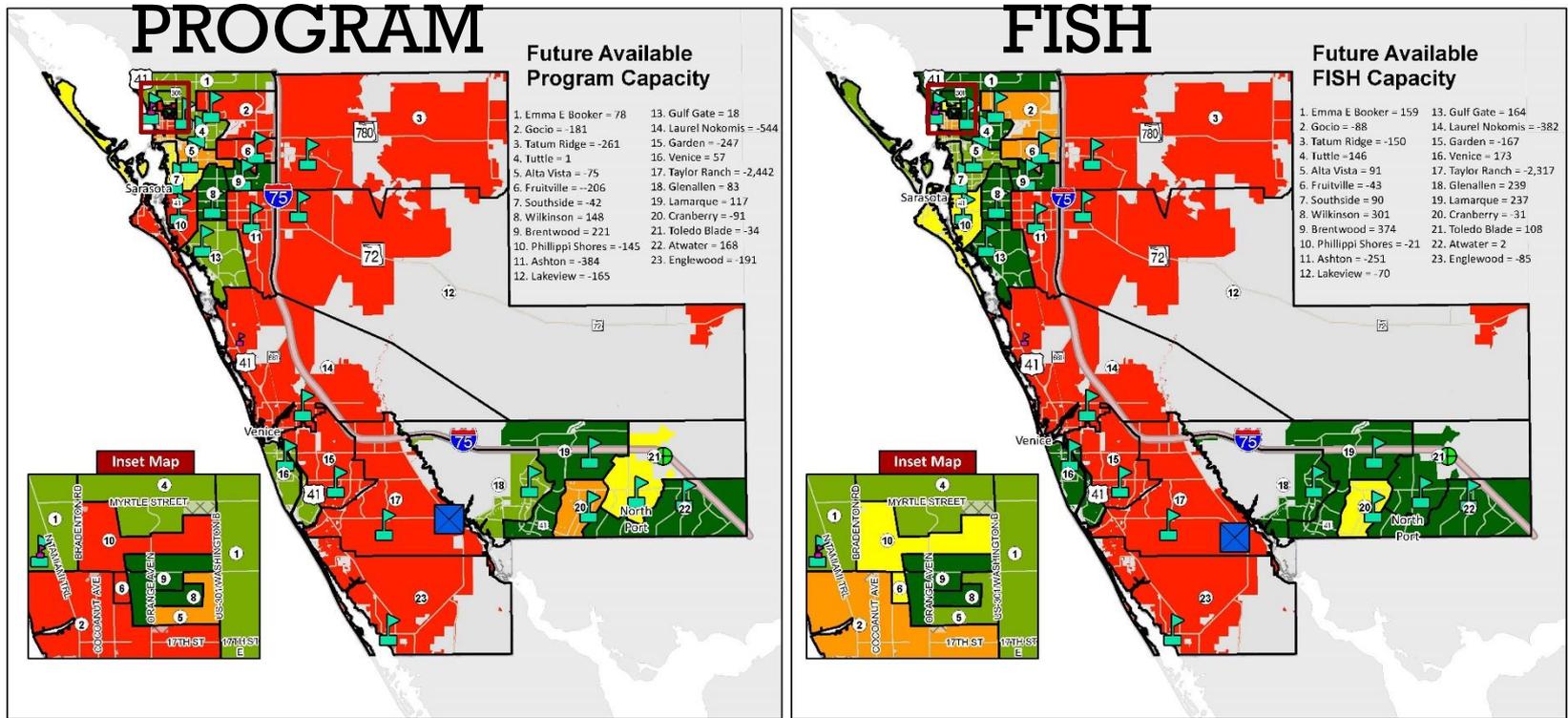
**Average School Size = 1,000 Students**

Current System-Wide Program Capacity = -140

Current System-Wide FISH Capacity = 2,884

# Locational Analysis

## Elementary Schools: 2027 Development



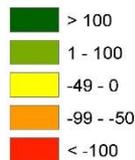
**Elementary School  
Future Student Capacity  
2027**

Sarasota County



-  Attendance Boundary
-  Existing Alternative/Magnet School
-  Existing Elementary School
-  Conceptual K-8 School
-  Future School;  
Land Owned by School District

**Future Available Capacity**



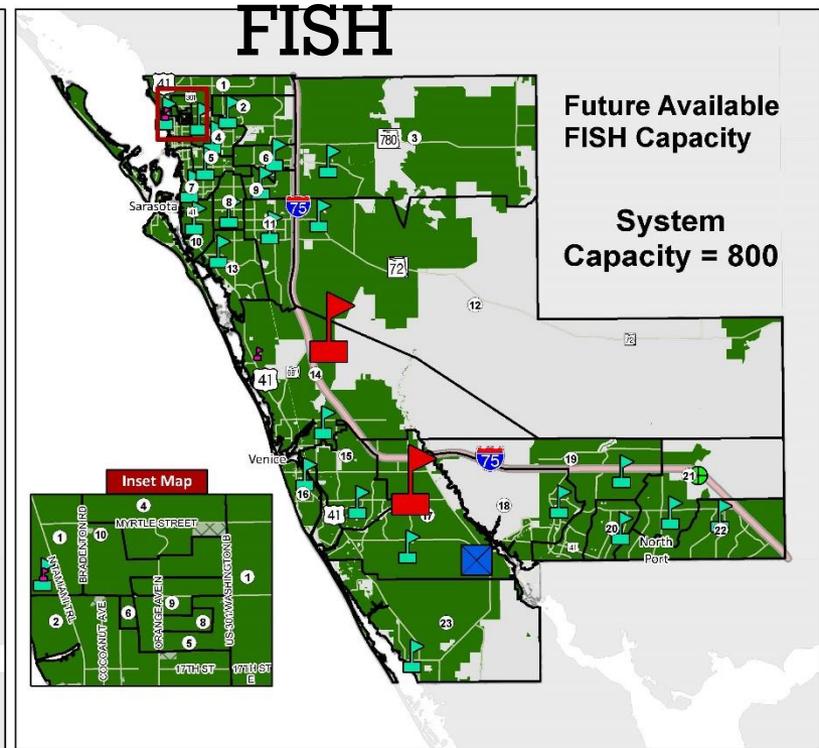
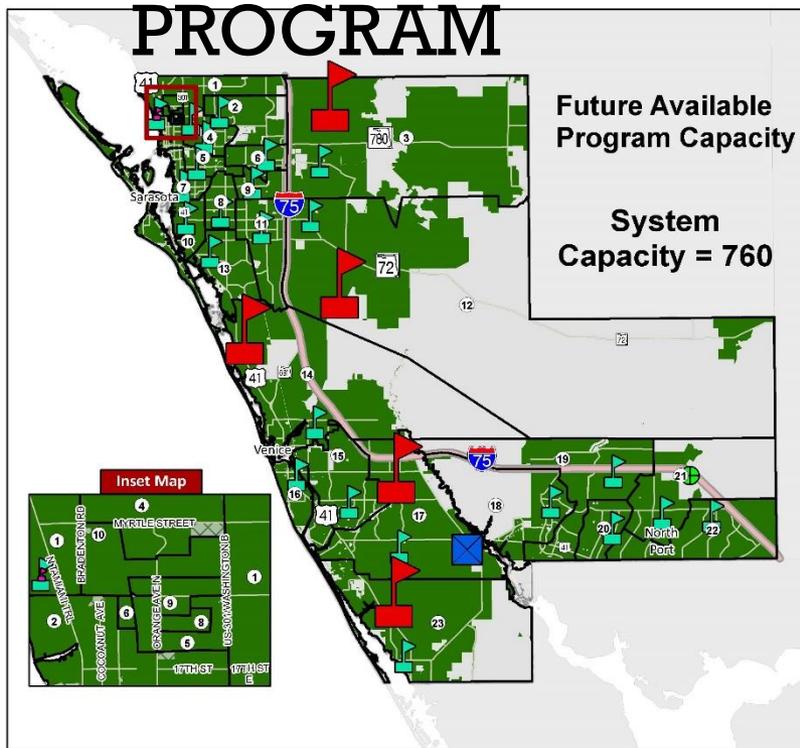
**Attendance Boundaries**

- |                  |                      |                  |
|------------------|----------------------|------------------|
| 1. Emma E Booker | 10. Phillippi Shores | 19. Lamarque     |
| 2. Gocio         | 11. Ashton           | 20. Cranberry    |
| 3. Tatum Ridge   | 12. Lakeview         | 21. Toledo Blade |
| 4. Tuttle        | 13. Gulf Gate        | 22. Atwater      |
| 5. Alta Vista    | 14. Laurel Nokomis   | 23. Englewood    |
| 6. Fruitville    | 15. Garden           |                  |
| 7. Southside     | 16. Venice           |                  |
| 8. Wilkinson     | 17. Taylor Ranch     |                  |
| 9. Brentwood     | 18. Glenallen        |                  |

# 2027

# Locational Analysis –

## Elementary Schools: 2027 5 New ES



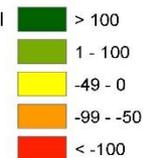
#### Elementary School Future Student Capacity 2027

Sarasota County



-  Attendance Boundary
-  Existing Alternative/Magnet School
-  Existing Elementary School
-  Conceptual K-8 School
-  Future School; Land Owned by School District
-  New School

#### Future Available Capacity



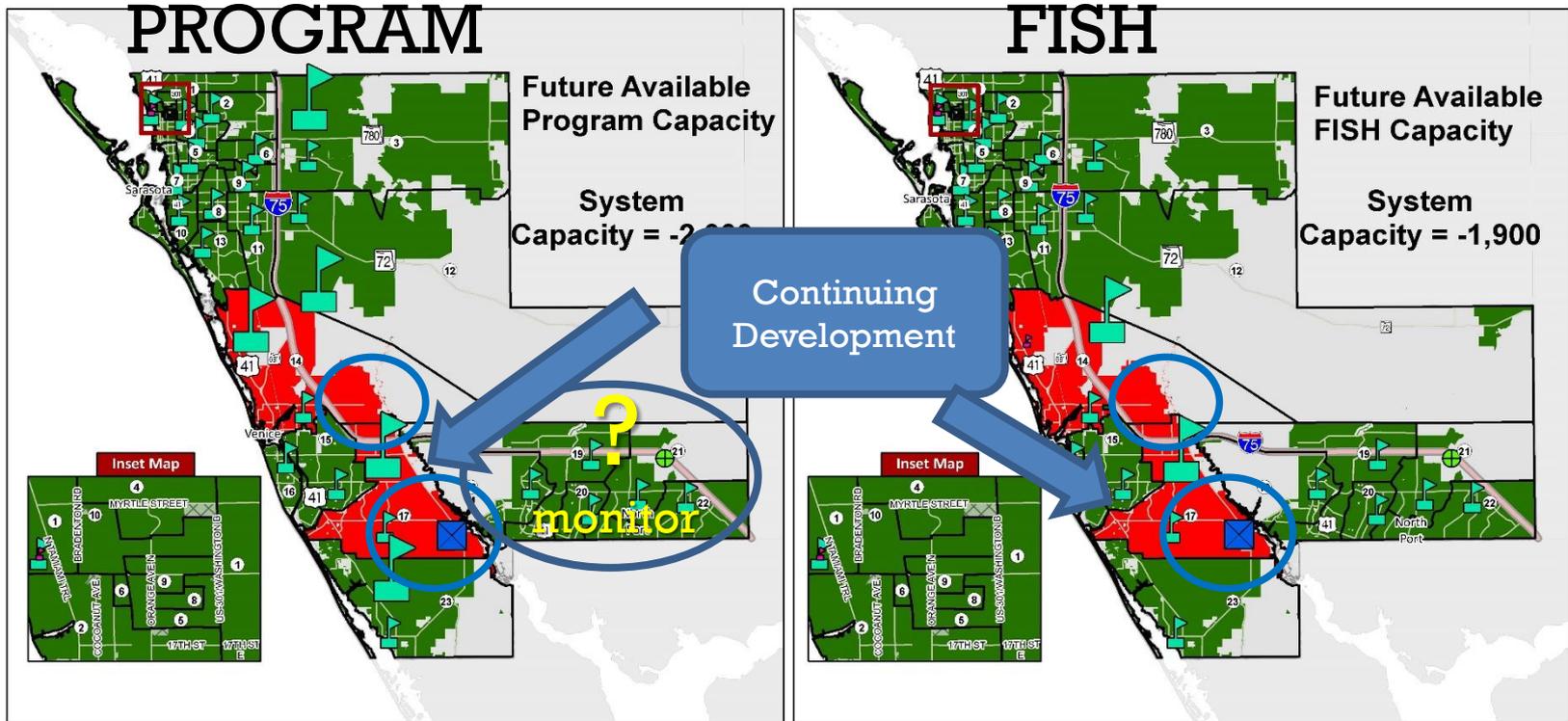
#### Attendance Boundaries

- |                  |                      |                  |
|------------------|----------------------|------------------|
| 1. Emma E Booker | 10. Phillippi Shores | 19. Lamarque     |
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| 7. Southside     | 16. Venice           |                  |
| 8. Wilkinson     | 17. Taylor Ranch     |                  |
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# 2027

# Locational Analysis

## Elementary Schools: 2040 Development



### Elementary School Future Student Capacity 2040

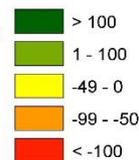
Sarasota County



Sources: Sarasota County School Board and Sarasota County GIS

-  Attendance Boundary
-  Existing Alternative/Magnet Schools
-  Existing Elementary School
-  Future School; Land Owned by School District
-  New School
-  Conceptual K-8 School

### Future Available Capacity



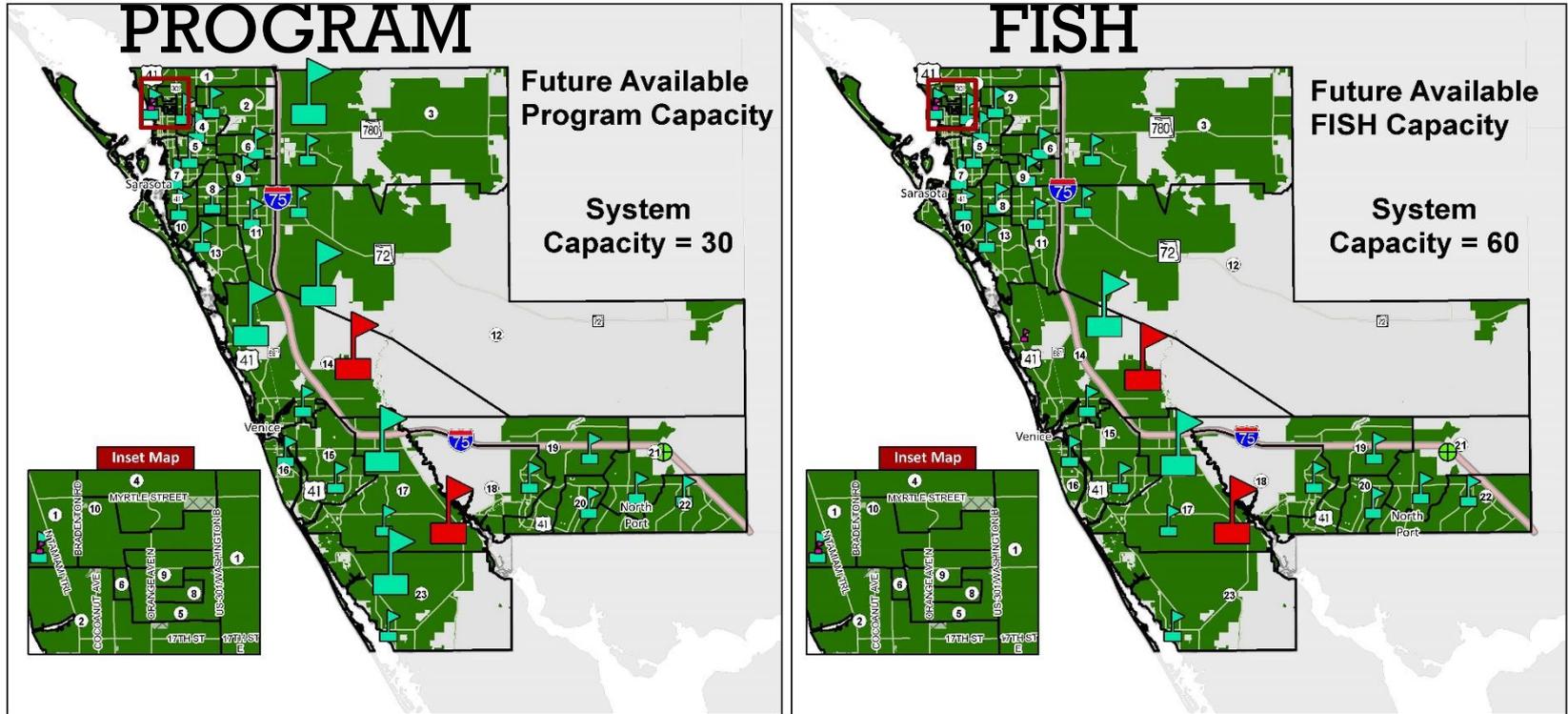
### Attendance Boundaries

- |                  |                      |                  |
|------------------|----------------------|------------------|
| 1. Emma E Booker | 10. Phillippi Shores | 19. Lamarque     |
| 2. Gocio         | 11. Ashton           | 20. Cranberry    |
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| 6. Fruitville    | 15. Garden           |                  |
| 7. Southside     | 16. Venice           |                  |
| 8. Wilkinson     | 17. Taylor Ranch     |                  |
| 9. Brentwood     | 18. Glenallen        |                  |

# 2040

# Locational Analysis

## Elementary Schools 2040: 7 ES



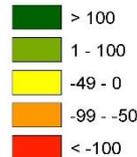
**Elementary School  
Future Student Capacity  
2040**

Sarasota County



-  Attendance Boundary
-  Existing Alternative/Magnet Schools
-  Existing Elementary School
-  Future School;  
Land Owned by School District
-  New School

**Future Available Capacity**



**Attendance Boundaries**

- |                  |                      |                  |
|------------------|----------------------|------------------|
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| 2. Gocio         | 11. Ashton           | 20. Cranberry    |
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| 5. Alta Vista    | 14. Laurel Nokomis   | 23. Englewood    |
| 6. Fruitville    | 15. Garden           |                  |
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| 9. Brentwood     | 18. Glenallen        |                  |

**2040**

# High Level Investment

- Elementary School Capacity – 850 x \$35,000
  - **\$30 million**
- Middle School Capacity – 1,400 x \$35,000
  - **\$49 million**
- High School Capacity – 2,200 x \$35,000
  - **\$77 million**

Investment in Capacity is  
Expensive

# Potential School Costs

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- 1 to 2 High Schools - \$77 to \$154 million
- 1 to 2 Middle Schools - \$49 to \$98 million
- 5 to 7 Elementary Schools - \$150 to \$210 million
- Total Range – \$276 to \$462 million
- *Per Year – \$10 million to \$20 million*

# Presentation Overview

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- 1 Background/Purpose**
- 2 Findings**
- 3 Next Steps**

# Next Steps

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## ○ For Consideration:

- Use of Portables
- Attendance Boundaries / Redistricting
- Homework ?

# Next Steps

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- **July:** Draft Technical Report
- **August 18:** School Board Workshop
- **September 15:** School Board Public Hearing
- **October:** Final Technical Report
- **October:** School Board Action

# Questions?

## Thank You!



# Methodology

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- Based on a review of:
  - Historical growth trends
  - Population/housing projections obtained from:
    - ✓ BEBR
    - ✓ LRTP / MPO
    - ✓ Planned large developments
  - Student generation rates
  - Available capacity at the existing schools
  - Location of future students

# 2015 to 2040 Projections

- Four data sets:

- |                          |               |
|--------------------------|---------------|
| 1. BEBR Medium:          | 60,000 units  |
| 2. Proposed Development: | 60,000 units  |
| 3. LRTP:                 | 84,000 units  |
| 4. BEBR High:            | 110,000 units |

Housing Units translate to Students

Housing units x SGR = Students Added

# Student Generation Rates (Traditional Schools)

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- Based on all homes:
  - Total: 0.17
- Based on all new homes:
  - Total: 0.22

# County Rankings

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- Sarasota County
  - 62<sup>nd</sup> in SGR/30<sup>th</sup> in Population Growth
- Orange County
  - 10<sup>th</sup> in SGR/12<sup>th</sup> in Population Growth
- Osceola County
  - 10<sup>th</sup> in SGR/3<sup>rd</sup> in Population Growth

BEBR Medium –  
projected  
growth rate of  
about 1%

BEBR High –  
projected  
growth rate of  
about 1.5%

Year	BEBR Med	% Change	Five Yr Avg	BEBR High	% Change	Five Yr Avg
2015	393,700	-		419,500	-	
2016	398,346	1.18%		427,345	1.87%	
2017	403,046	1.18%		435,336	1.87%	
2018	407,802	1.18%		443,477	1.87%	
2019	412,614	1.18%		451,770	1.87%	
2020	417,500	1.18%	1.18%	460,200	1.87%	1.87%
2021	421,884	1.05%	1.15%	467,839	1.66%	1.83%
2022	426,314	1.05%	1.13%	475,605	1.66%	1.79%
2023	430,790	1.05%	1.10%	483,500	1.66%	1.74%
2024	435,313	1.05%	1.08%	491,526	1.66%	1.70%
2025	439,800	1.03%	1.05%	499,700	1.66%	1.66%
2026	443,758	0.90%	1.02%	507,046	1.47%	1.62%
2027	447,752	0.90%	0.99%	514,500	1.47%	1.58%
2028	451,782	0.90%	0.96%	522,063	1.47%	1.55%
2029	455,848	0.90%	0.93%	529,737	1.47%	1.51%
2030	460,000	0.91%	0.90%	537,400	1.45%	1.47%
2031	463,358	0.73%	0.87%	544,332	1.29%	1.43%
2032	466,741	0.73%	0.83%	551,354	1.29%	1.39%
2033	470,148	0.73%	0.80%	558,466	1.29%	1.36%
2034	473,580	0.73%	0.77%	565,670	1.29%	1.32%
2035	477,000	0.72%	0.73%	573,100	1.31%	1.29%
2036	480,005	0.63%	0.71%	579,519	1.12%	1.26%
2037	483,029	0.63%	0.69%	586,010	1.12%	1.23%
2038	486,072	0.63%	0.67%	592,573	1.12%	1.19%
2039	489,134	0.63%	0.65%	599,210	1.12%	1.16%
2040	492,100	0.61%	0.63%	606,000	1.13%	1.12%