Section 2:
GIS Mapping

Interpreting the Maps

The maps on the following pages show the mean ratings for several questions on the survey by Census Block Group. A Census Block Group is an area defined by the U.S. Census Bureau, which is generally smaller than a zip code but larger than a neighborhood.

If all areas on a map are the same color, then residents generally feel the same about that issue regardless of the location of their home.

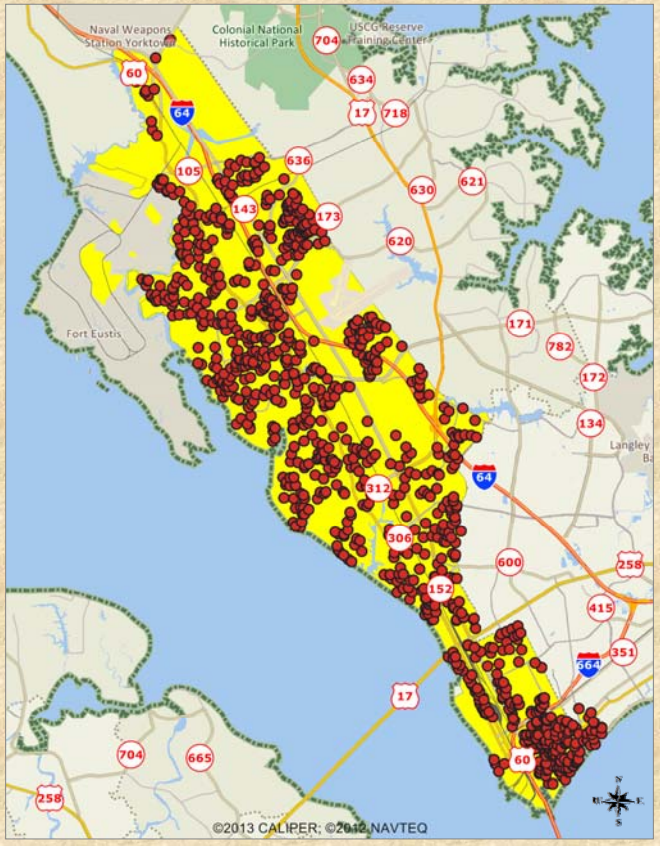
When reading the maps, please use the following color scheme as a guide:

- DARK/LIGHT BLUE shades indicate POSITIVE ratings. Shades of blue generally indicate satisfaction with a service.

- OFF-WHITE shades indicate NEUTRAL ratings. Shades of neutral generally indicate that residents thought the quality of service delivery is adequate.

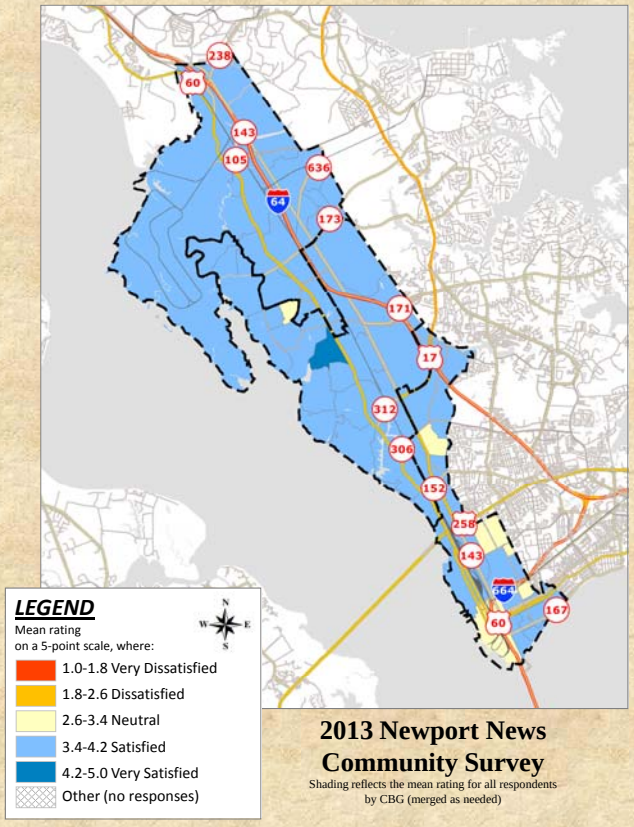
- ORANGE/RED shades indicate NEGATIVE ratings. Shades of orange/red generally indicate dissatisfaction with a service.

Location of Survey Respondents



2013 Newport News Community Survey

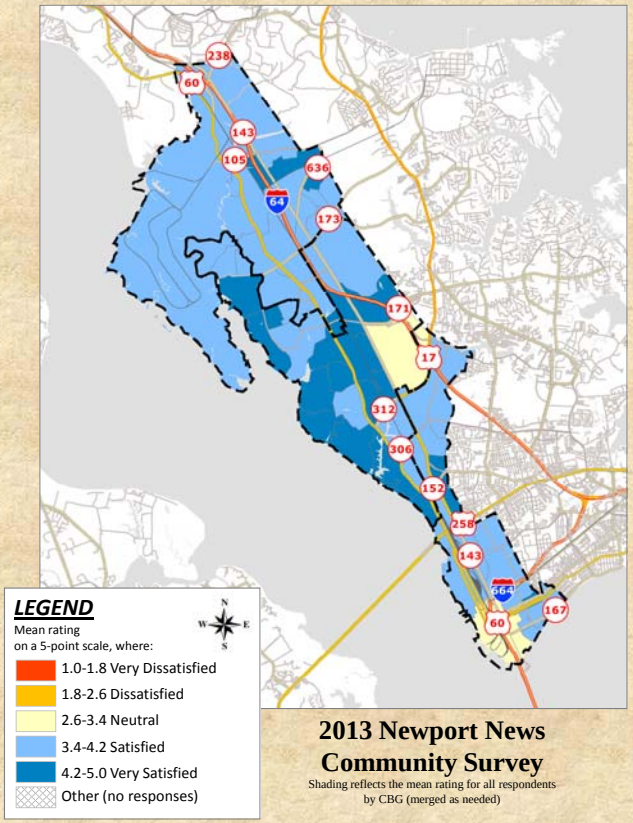
Q1a. Overall quality of City services



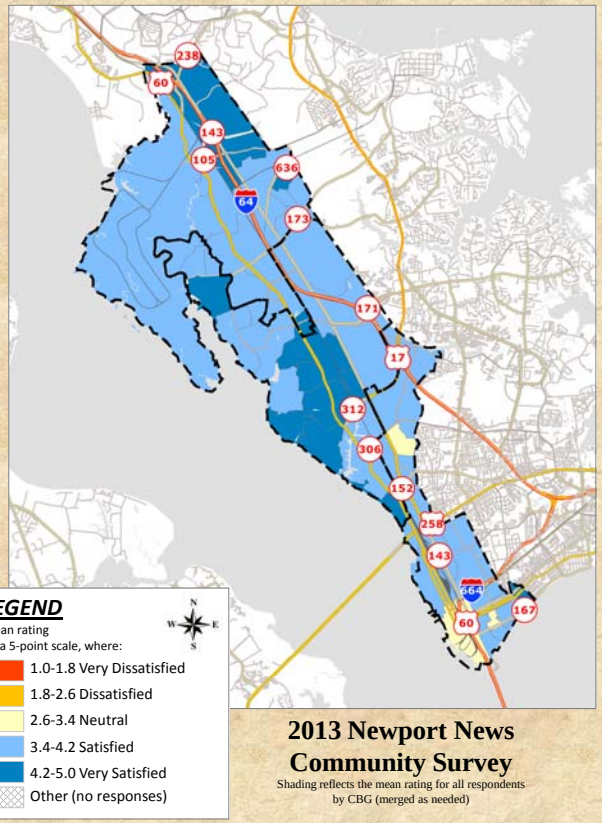
2013 Newport News Community Survey

Shading reflects the mean rating for all respondents by CBG (merged as needed)

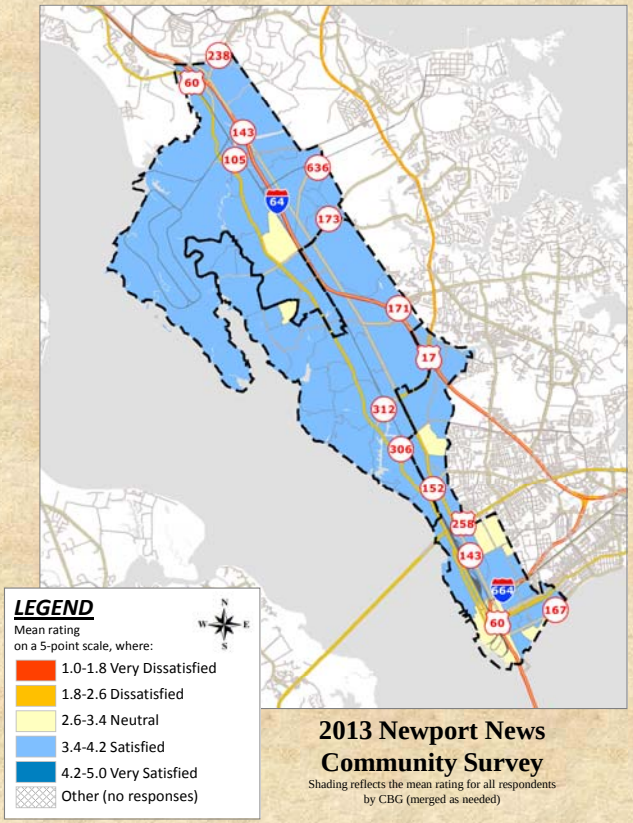
Q1b. Overall quality of police and fire services



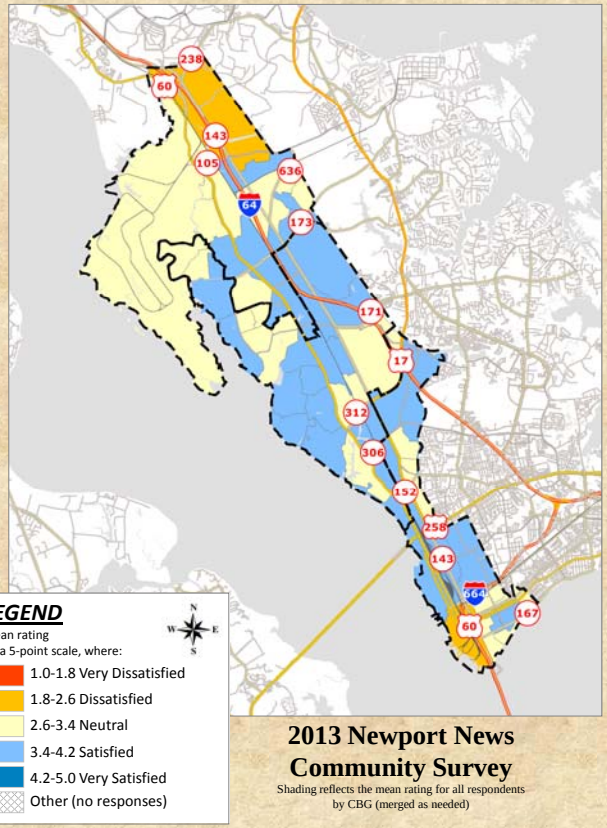
Q1c. Overall quality of parks and recreation programs and facilities



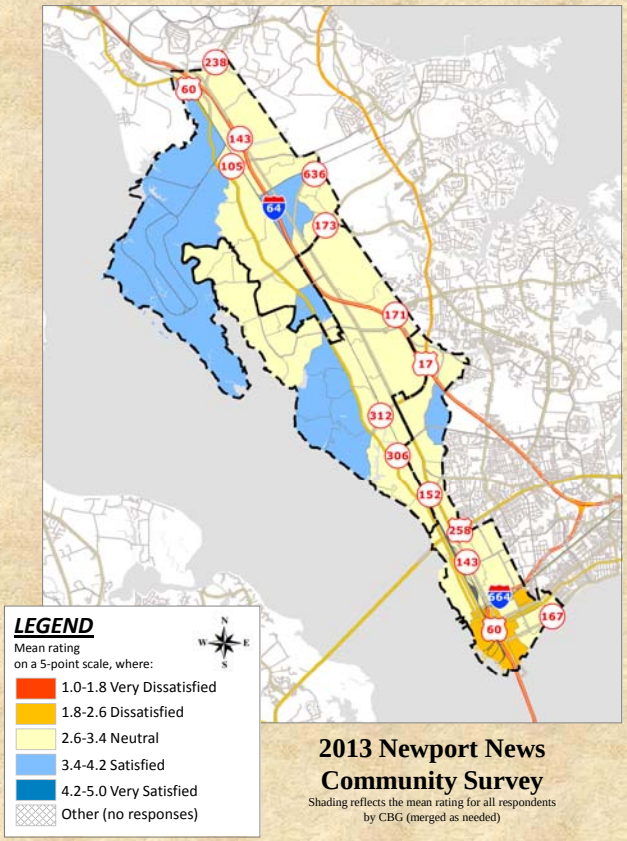
Q1d. Overall quality of customer service you receive from City employees



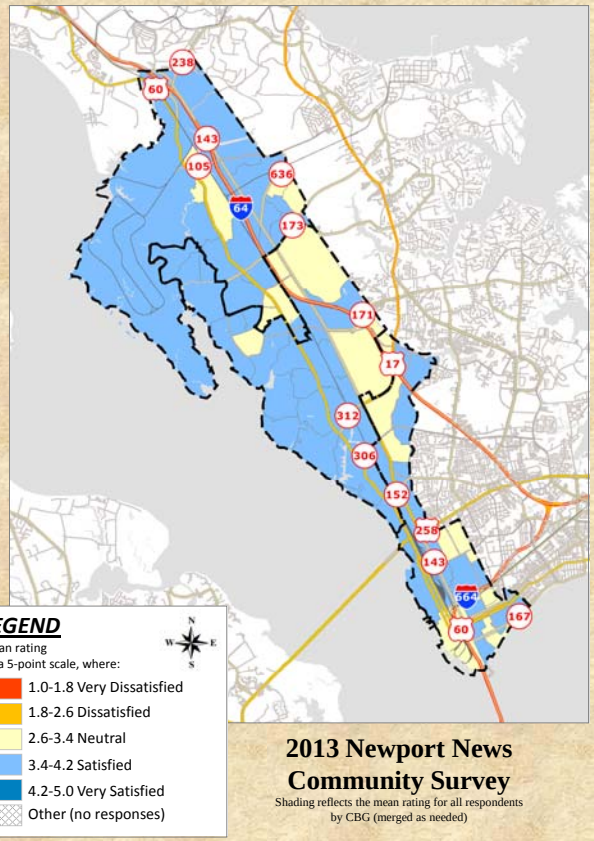
Q1e. Overall enforcement of City ordinances



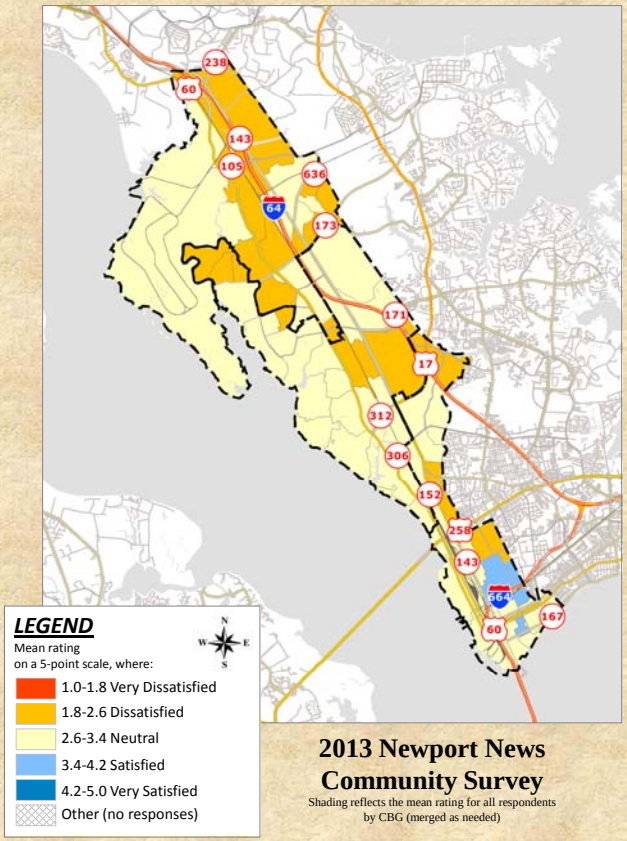
Q1f. Overall maintenance of City streets, sidewalks, and infrastructure



Q1g. Overall maintenance of City buildings and facilities



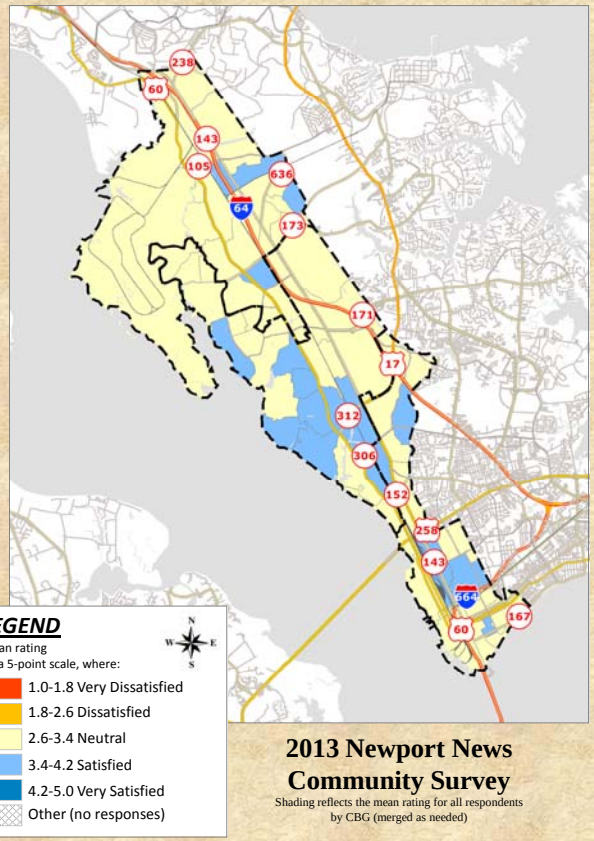
Q1h. Overall flow of traffic



2013 Newport News Community Survey

Shading reflects the mean rating for all respondents by CBG (merged as needed)

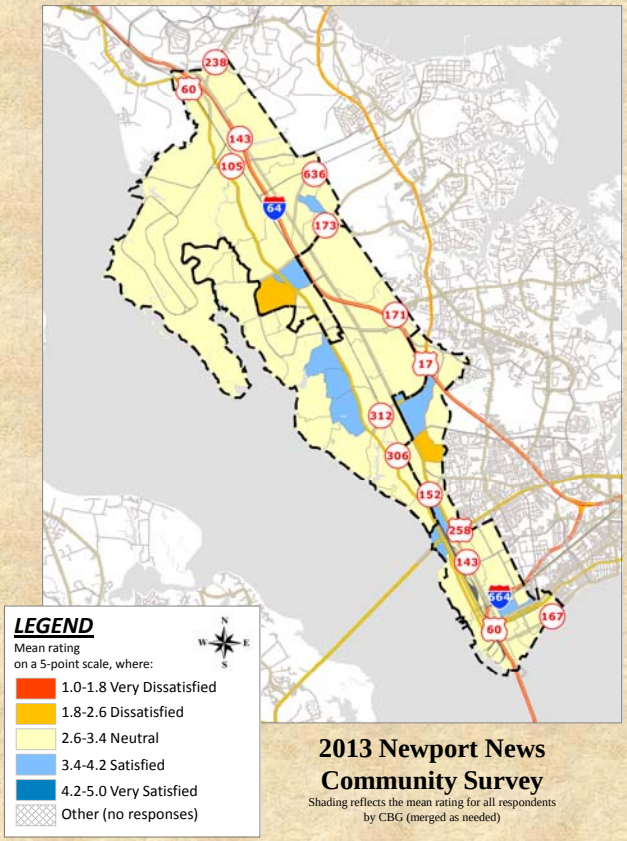
Q1i. Effectiveness of communication with the community



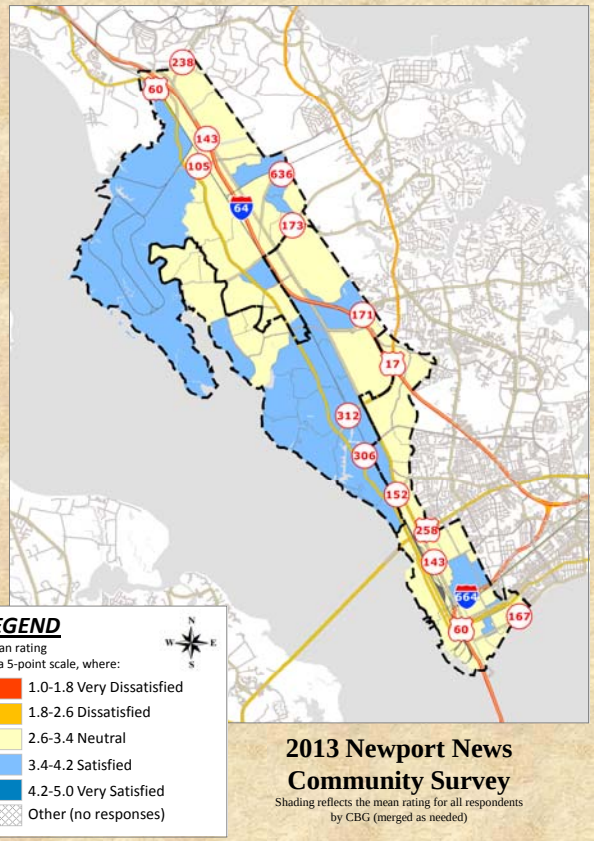
2013 Newport News Community Survey

Shading reflects the mean rating for all respondents by CBG (merged as needed)

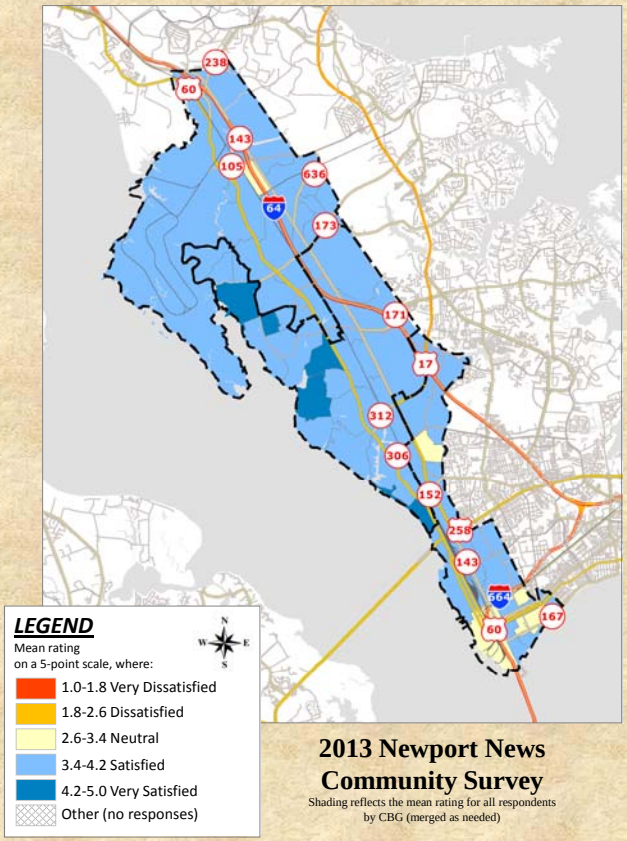
Q1j. How well the City is preparing for the future



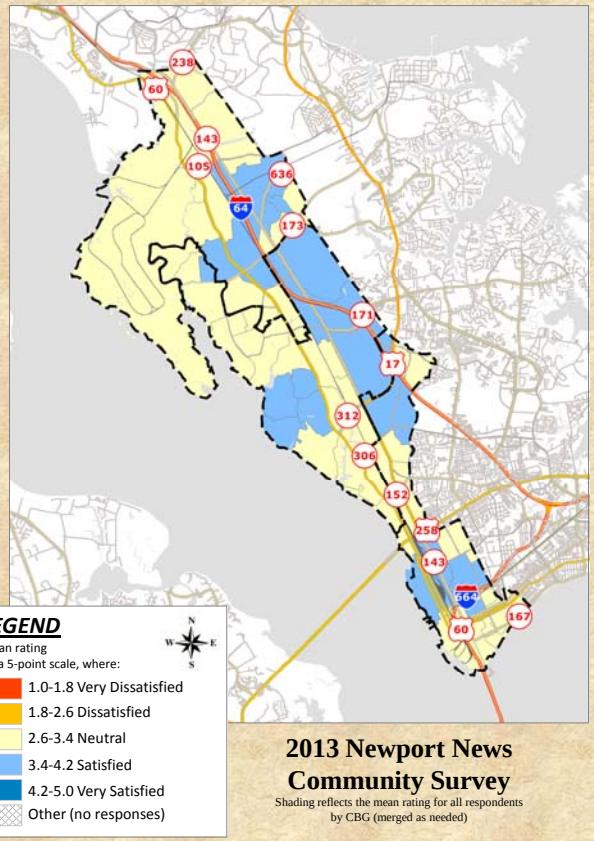
Q1k. How well the City is prepared for disasters

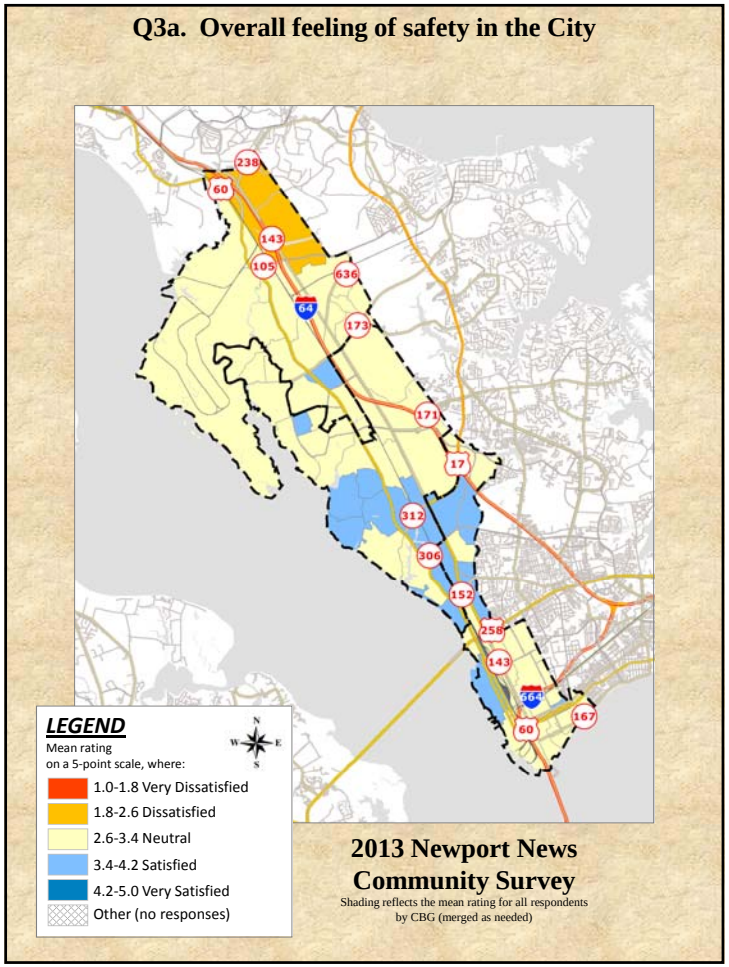


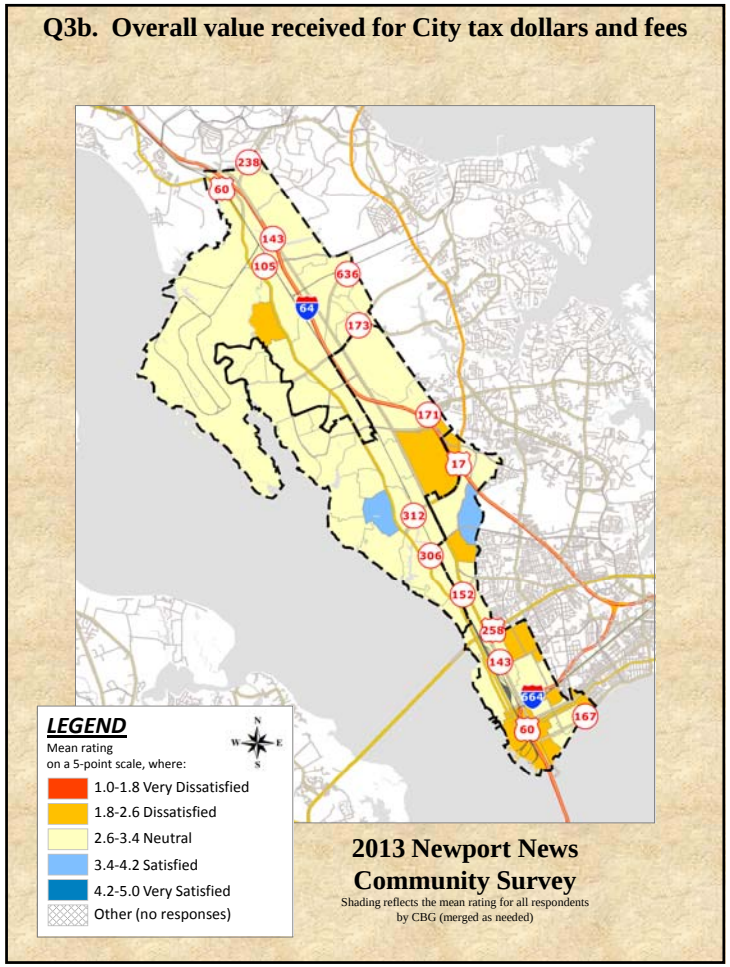
Q1l. Quality of landscaping in parks, medians and other public areas

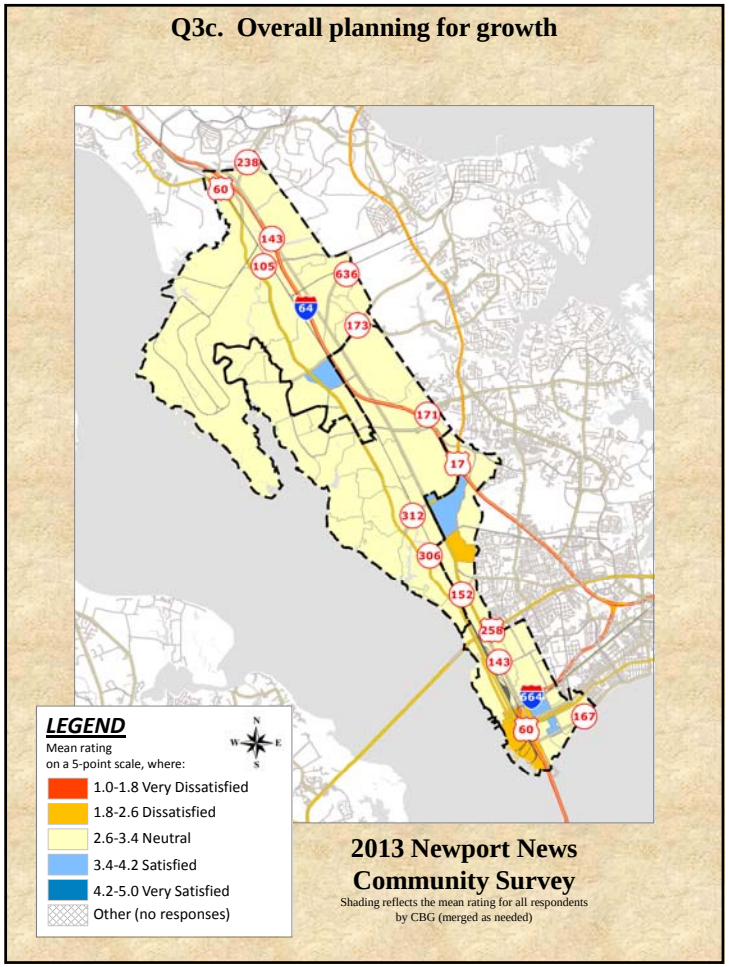


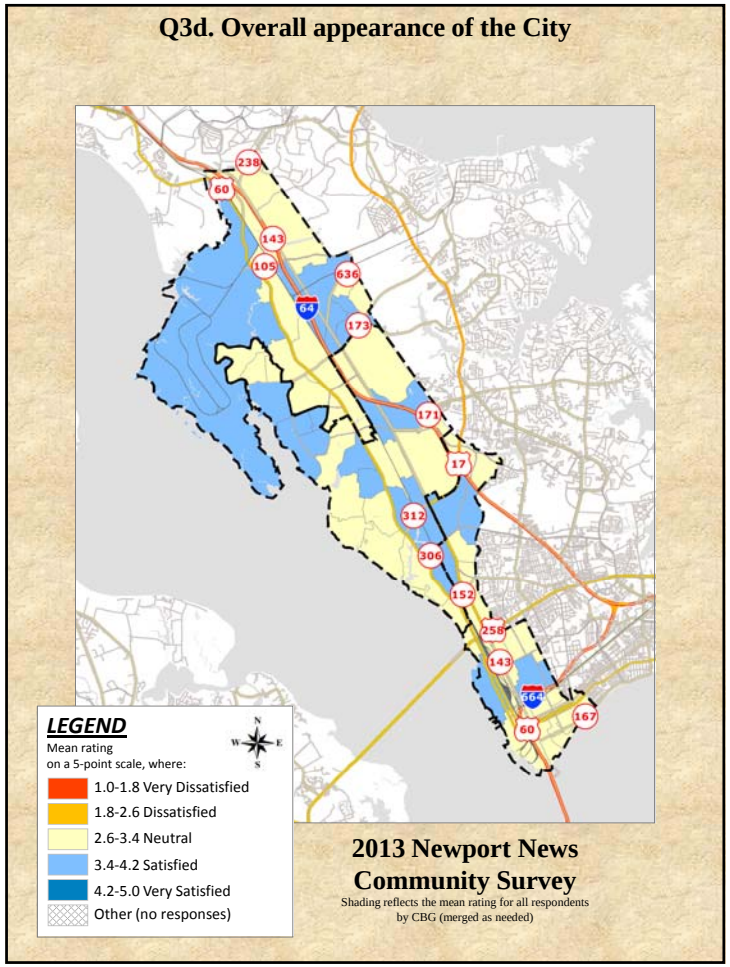
Q1m. Overall quality of economic development



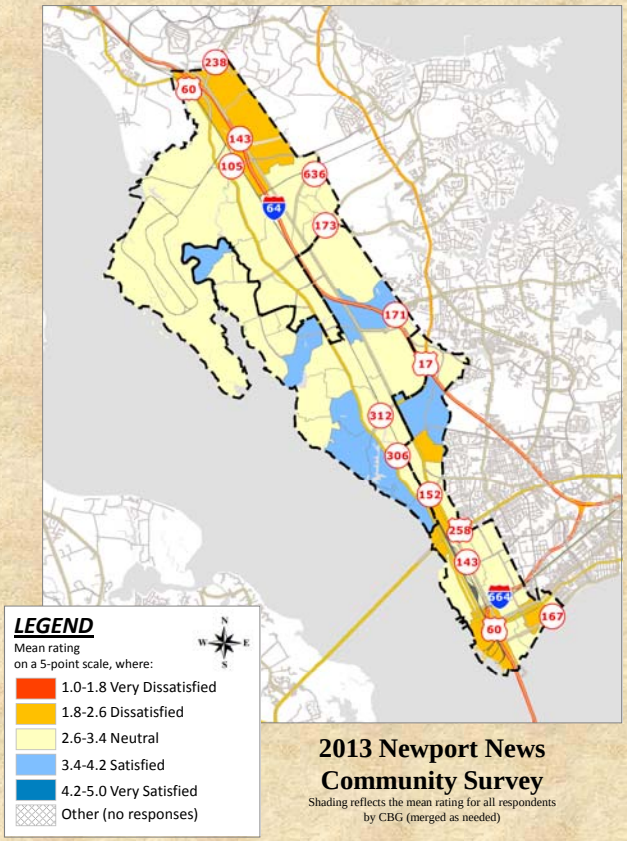

Q3a. Overall feeling of safety in the City
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q3b. Overall value received for City tax dollars and fees
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)

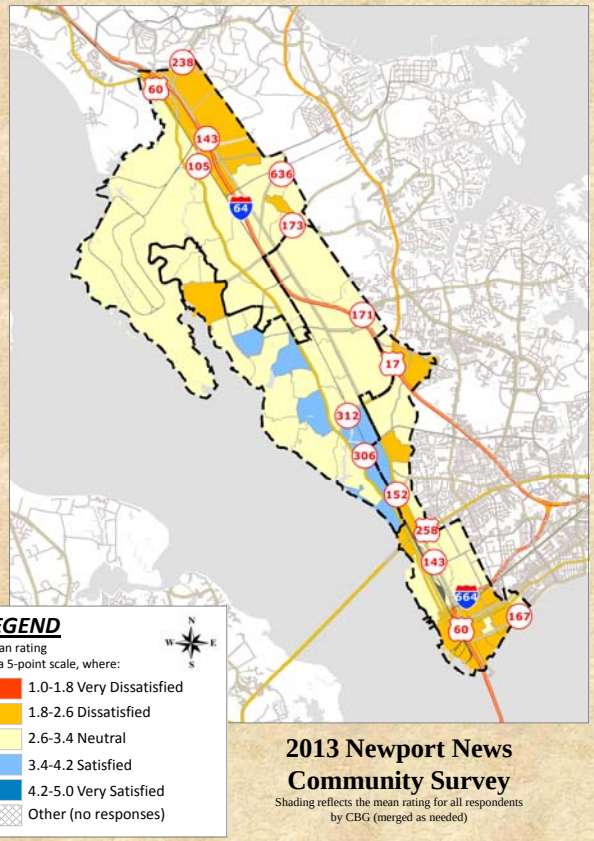

Q3c. Overall planning for growth
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q3d. Overall appearance of the City
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)

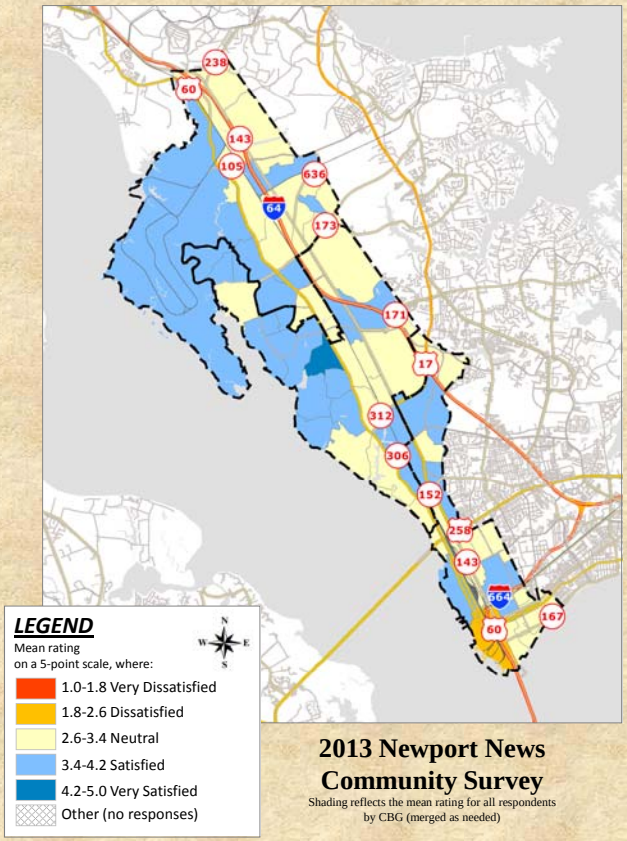
Q3e. Availability of affordable housing



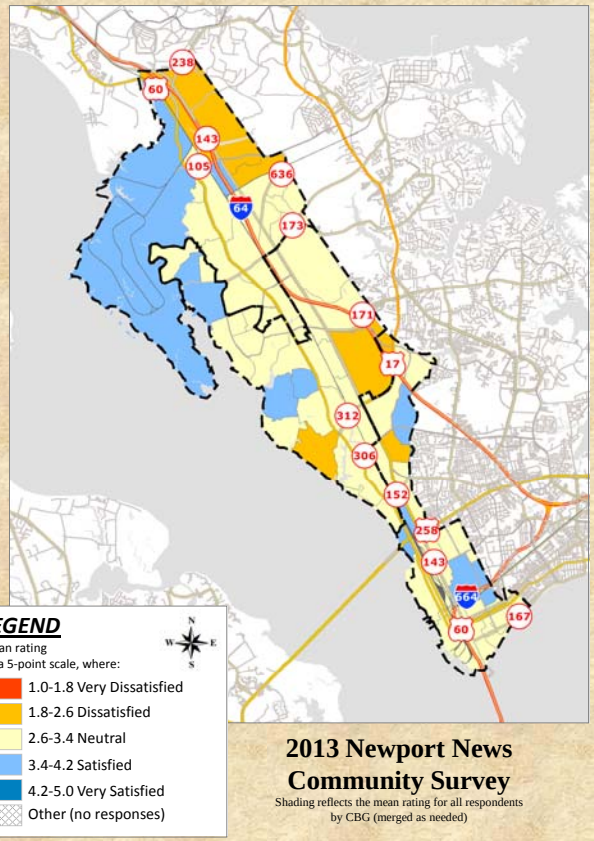
Q3f. Availability of employment



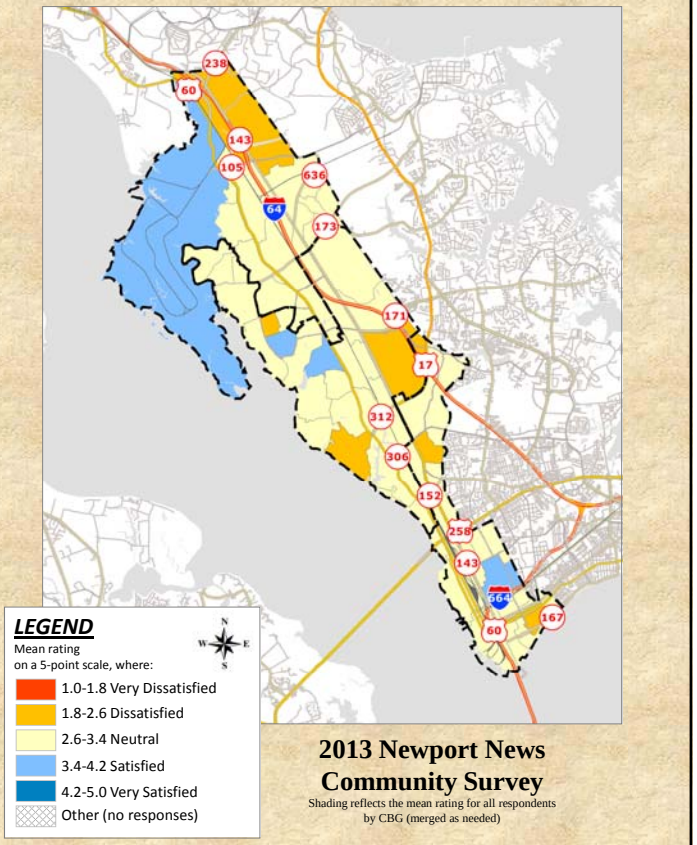
Q3g. Acceptance of diversity



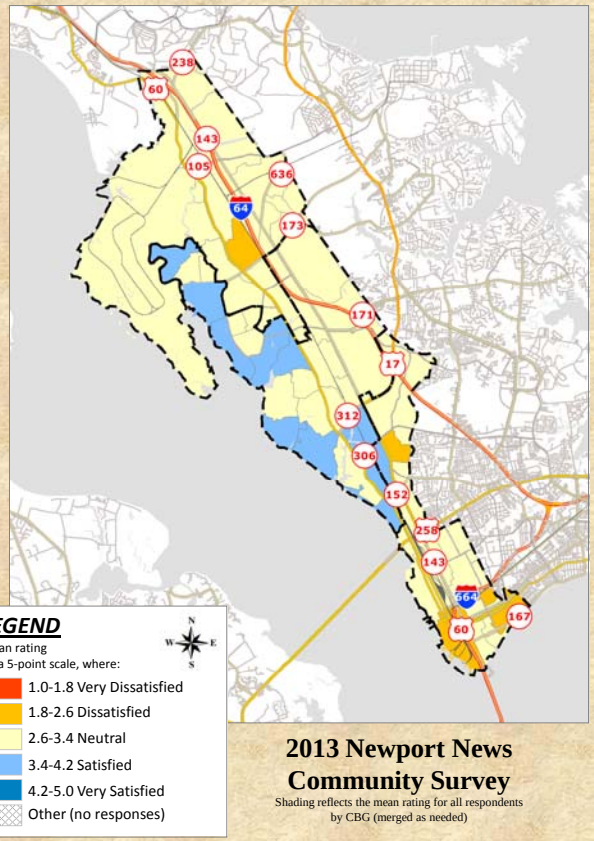
Q3h. Quality of public schools



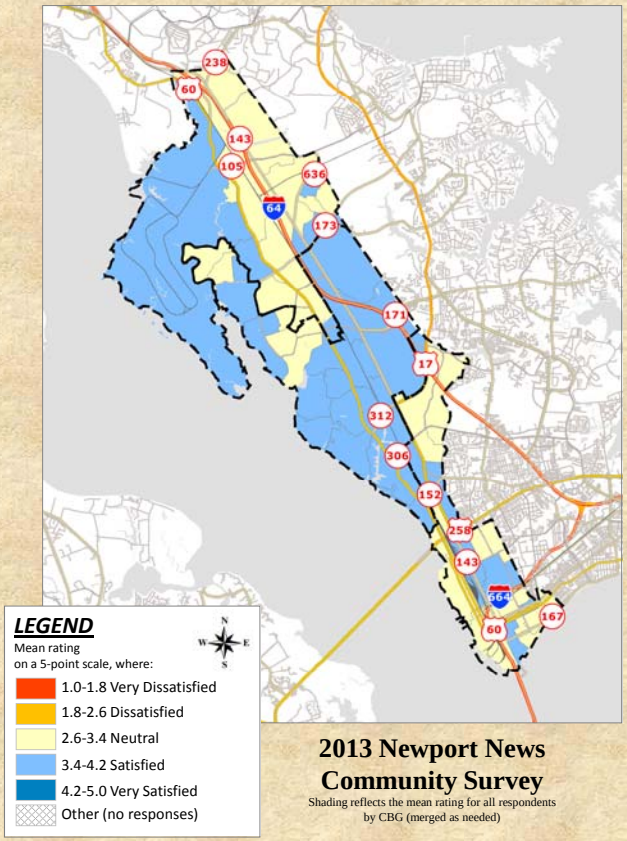
Q3i. Availability of affordable quality care for aging adults



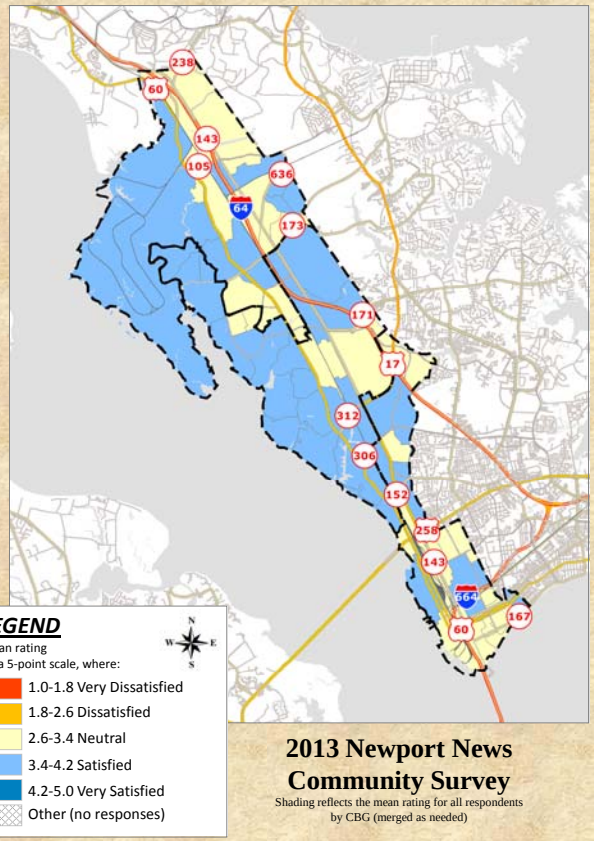
Q3j. Availability of affordable quality health care



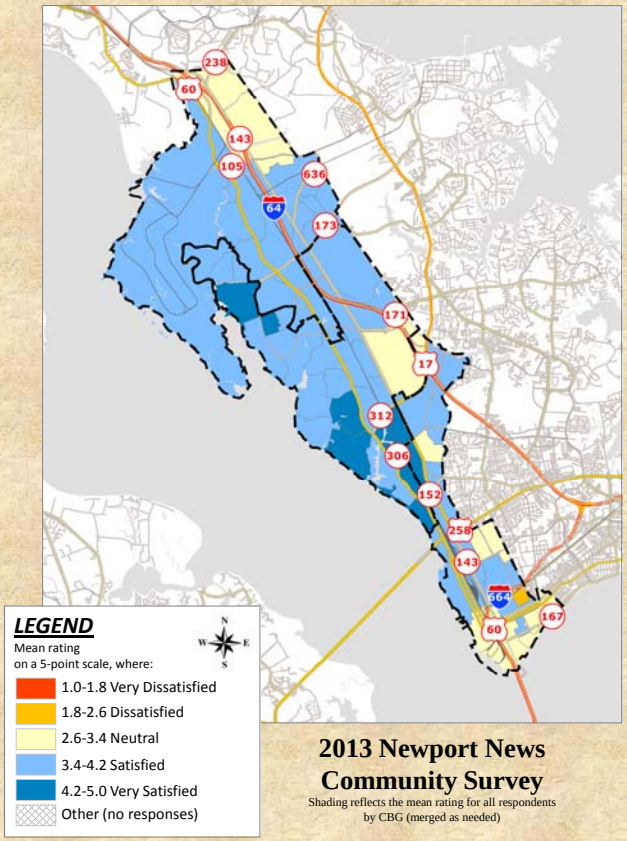
Q3k. Availability of preventive health services (check-ups, vaccinations, etc.)



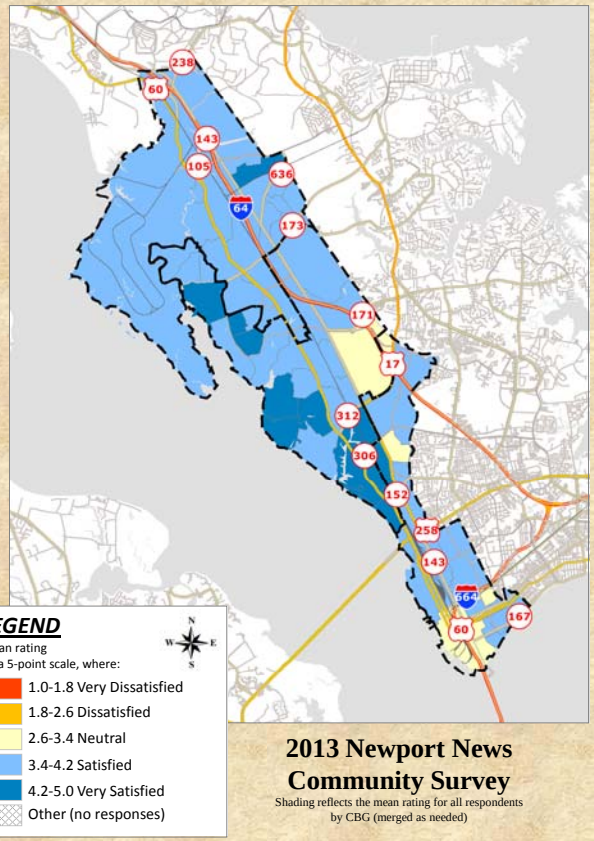
Q3l. Overall quality of life in the City



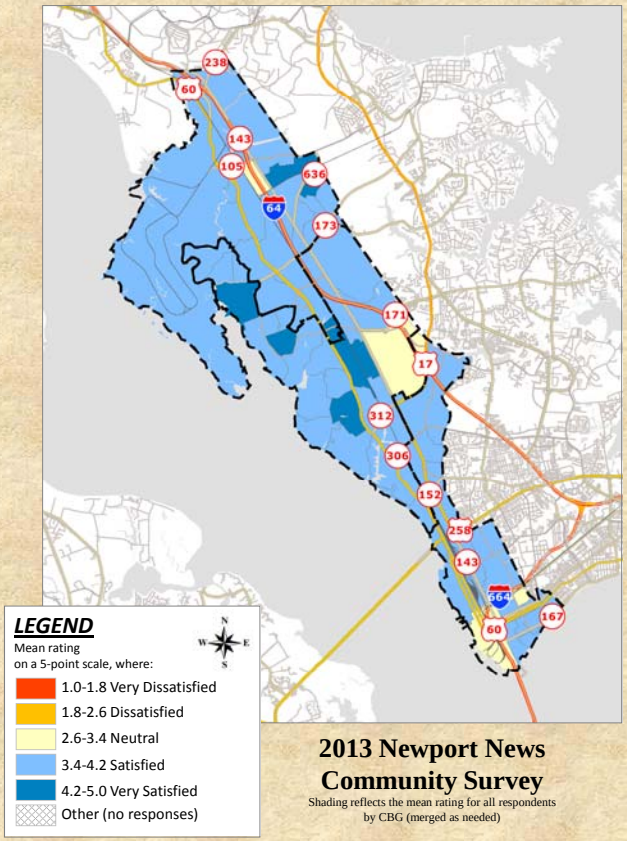
Q4a. Overall quality of local police protection



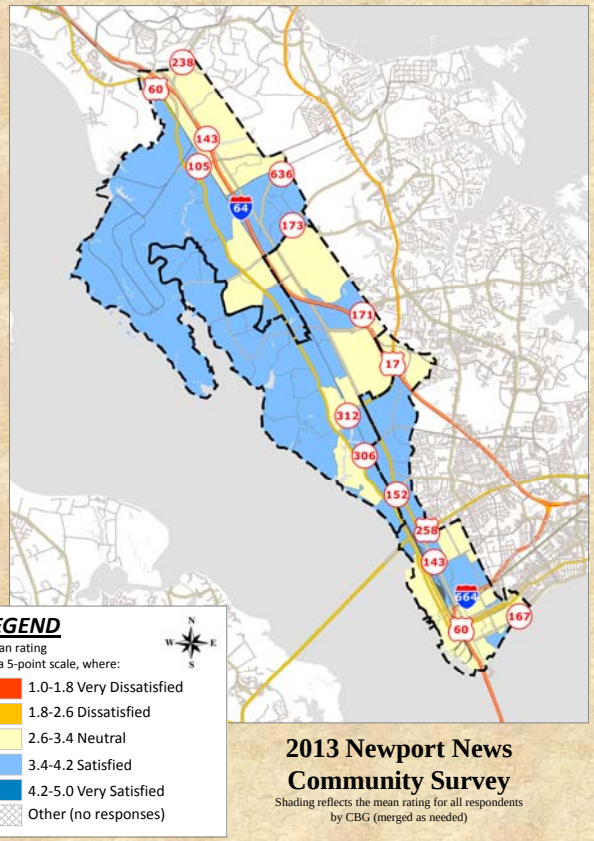
Q4b. Professionalism of police employees responding to emergencies

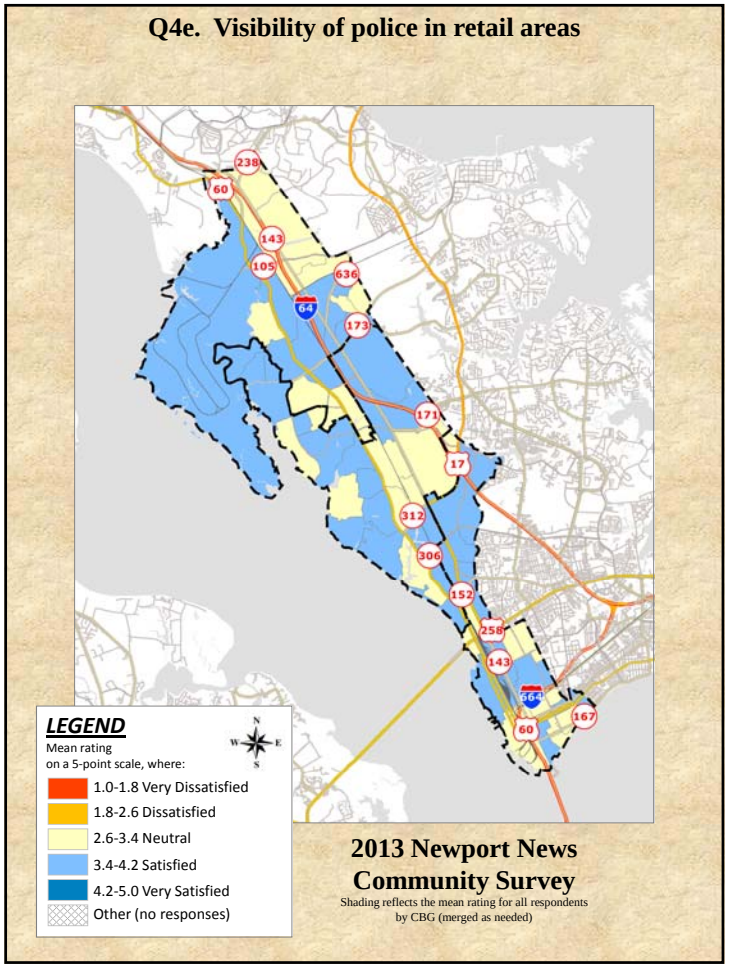


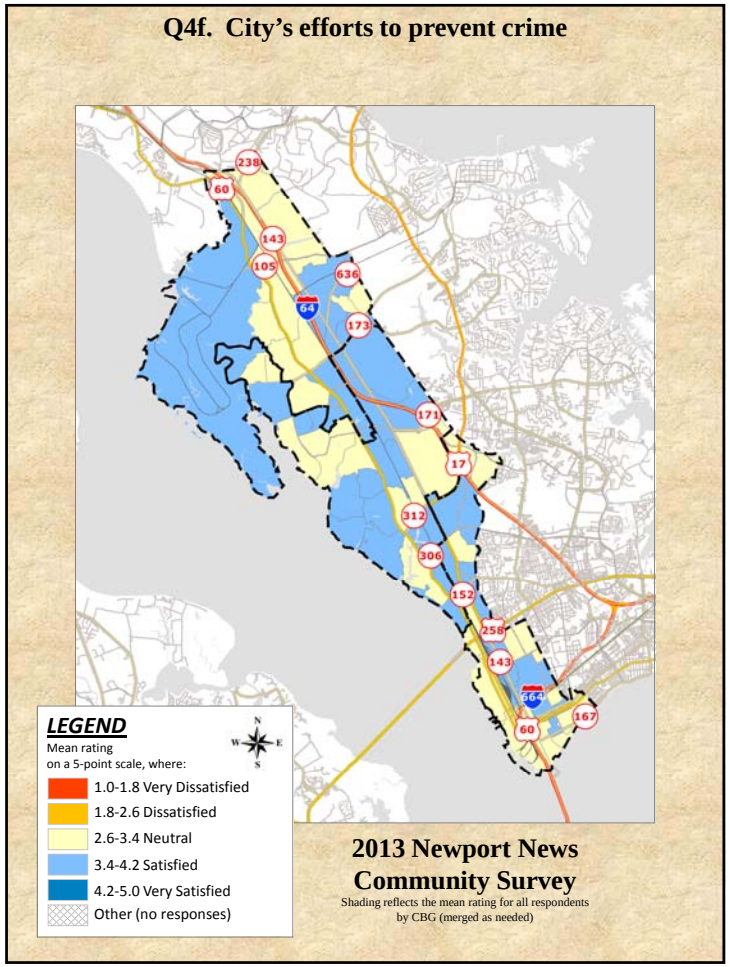
Q4c. How quickly police respond to 911 emergencies



Q4d. Visibility of police in neighborhoods




Q4e. Visibility of police in retail areas
238
60
143
105
636
64
173
171
17
312
306
152
258
143
664
60
167
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q4f. City's efforts to prevent crime
238
60
143
105
636
64
173
171
17
312
306
152
258
143
664
60
167
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
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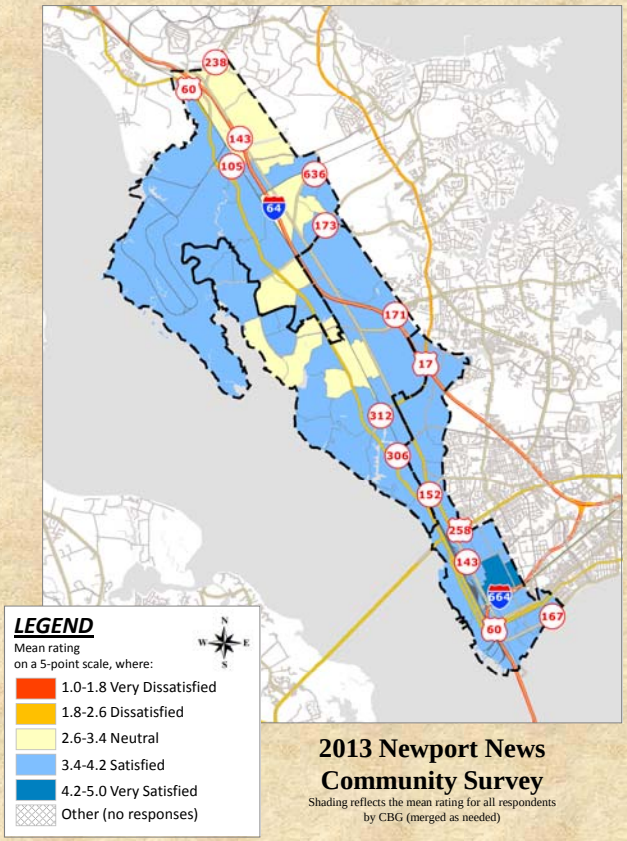
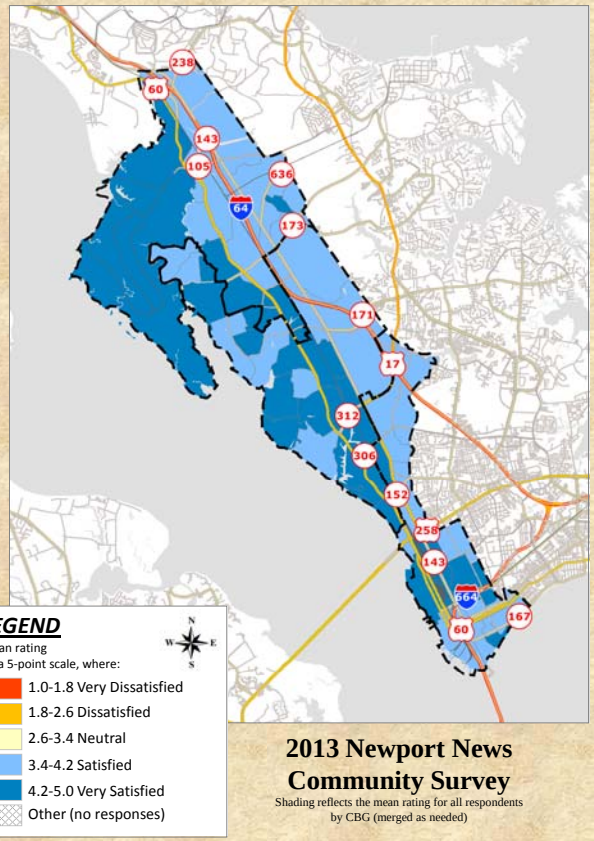
Q4g. City's efforts to enforce local traffic laws such as speeding



2013 Newport News Community Survey

Shading reflects the mean rating for all respondents by CBG (merged as needed)

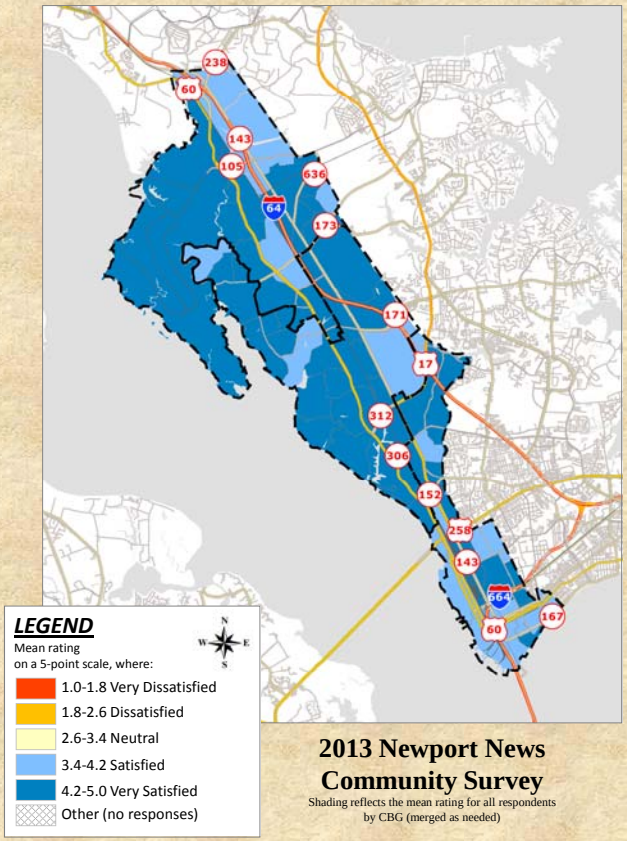
Q4h. Overall quality of local fire protection



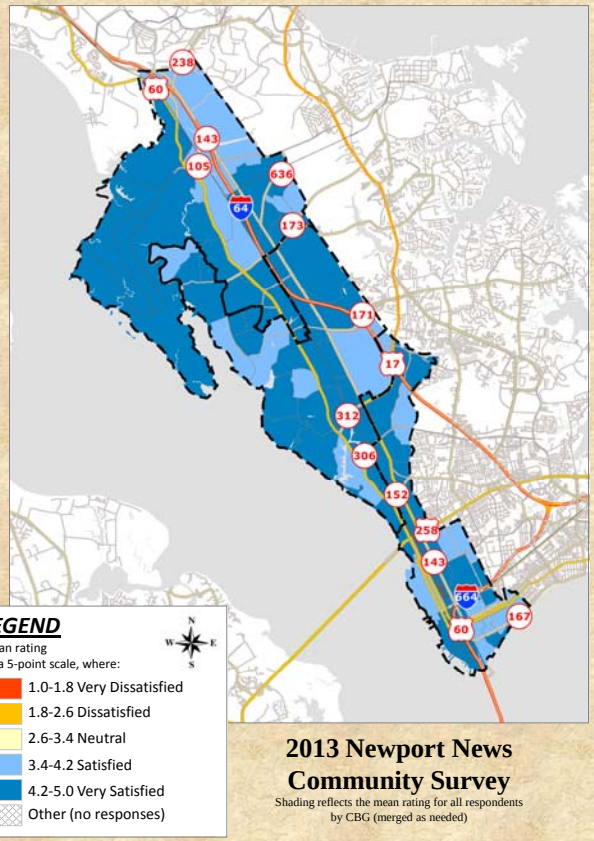
2013 Newport News Community Survey

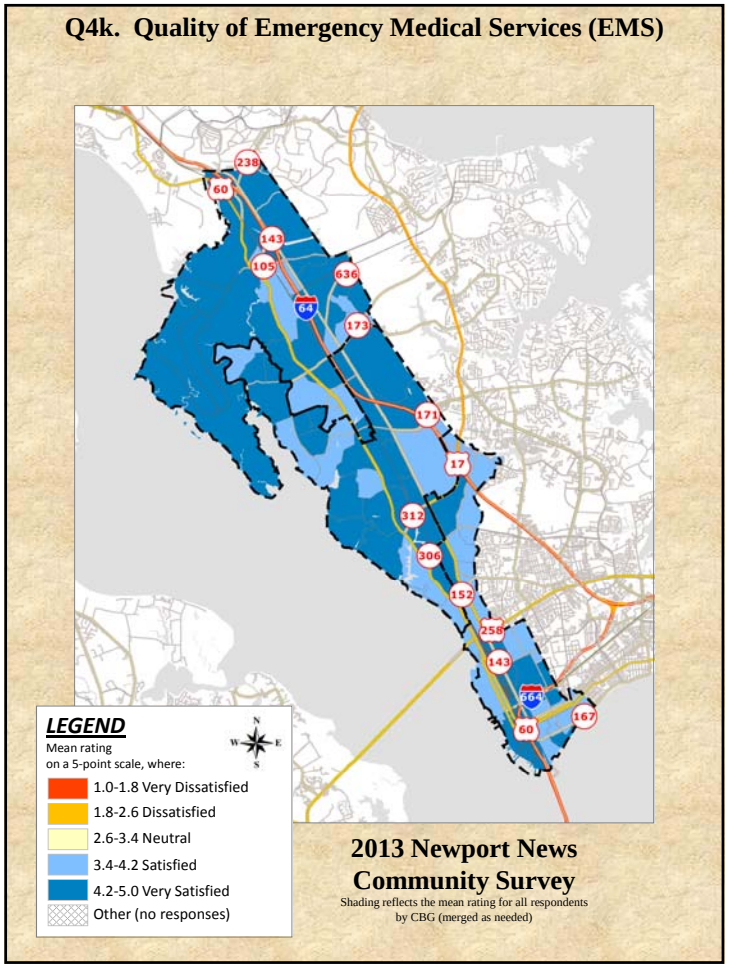
Shading reflects the mean rating for all respondents by CBG (merged as needed)

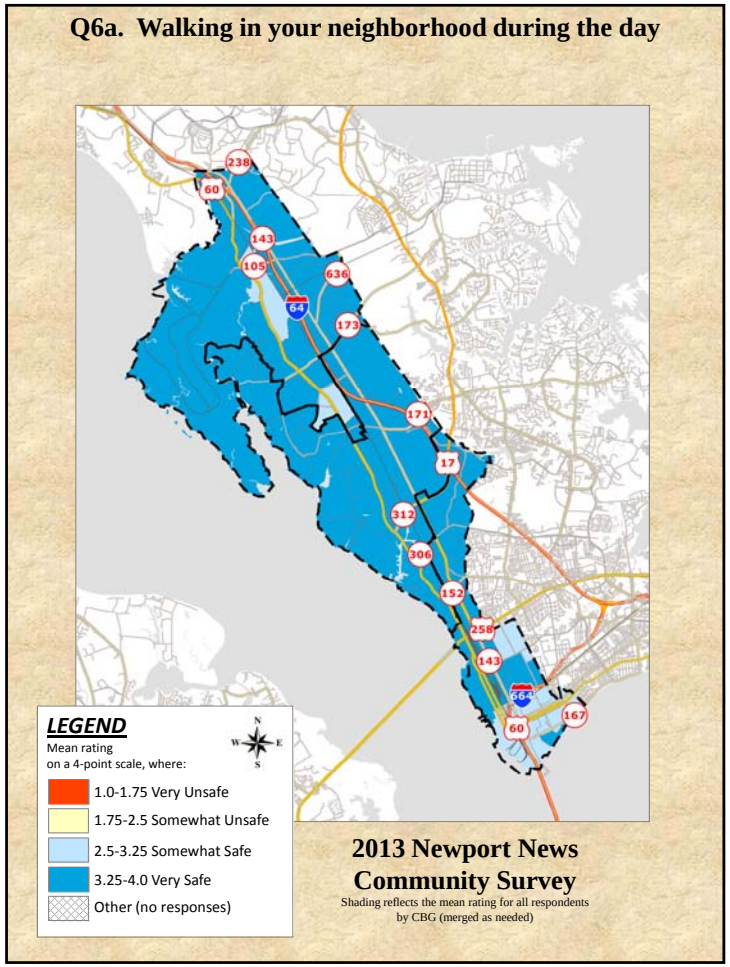
Q4i. Professionalism of fire and EMT employees responding to emergencies



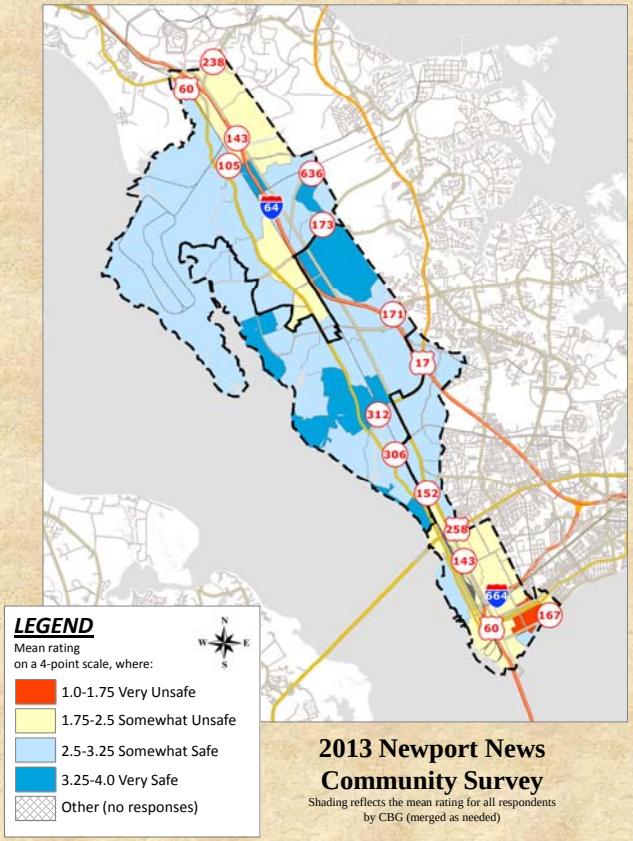
Q4j. How quickly fire rescue responds to 911 emergencies



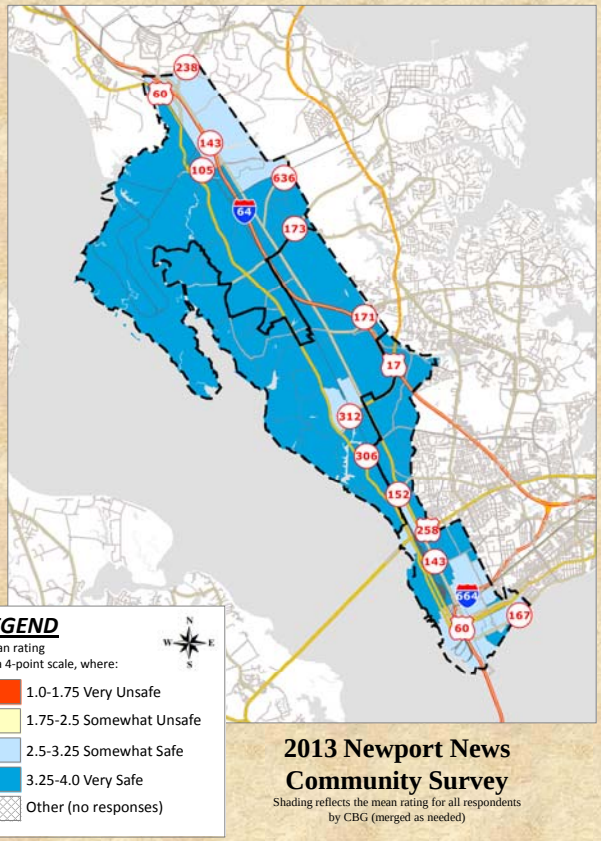

Q4k. Quality of Emergency Medical Services (EMS)
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)

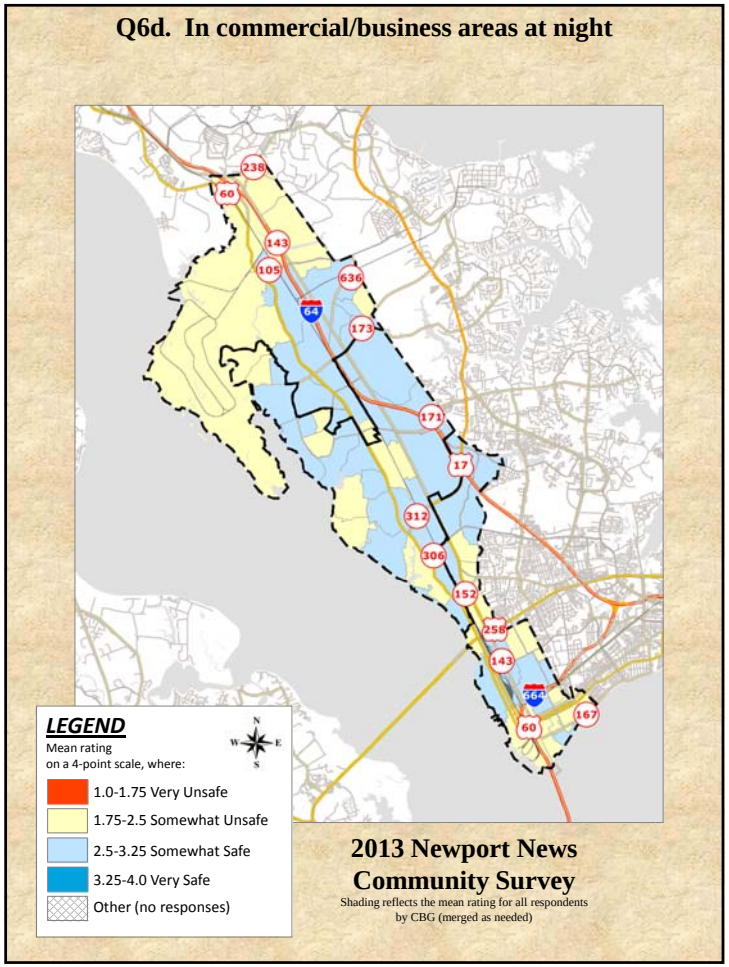

Q6a. Walking in your neighborhood during the day
LEGEND
Mean rating
on a 4-point scale, where:
1.0-1.75 Very Unsafe
1.75-2.5 Somewhat Unsafe
2.5-3.25 Somewhat Safe
3.25-4.0 Very Safe
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)

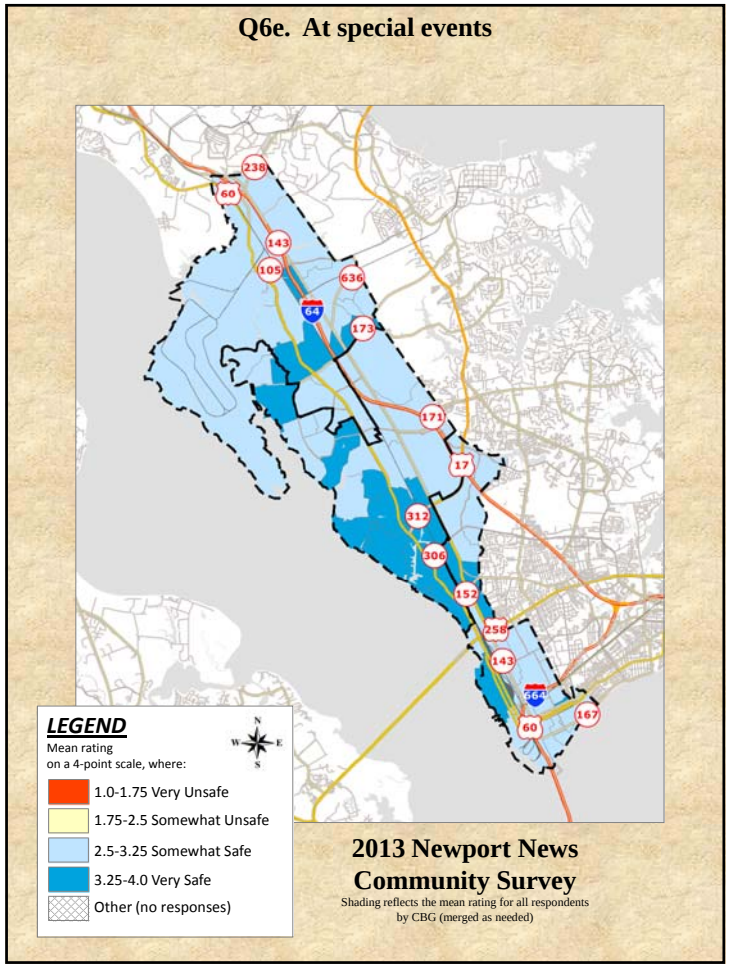
Q6b. Walking in your neighborhood at night

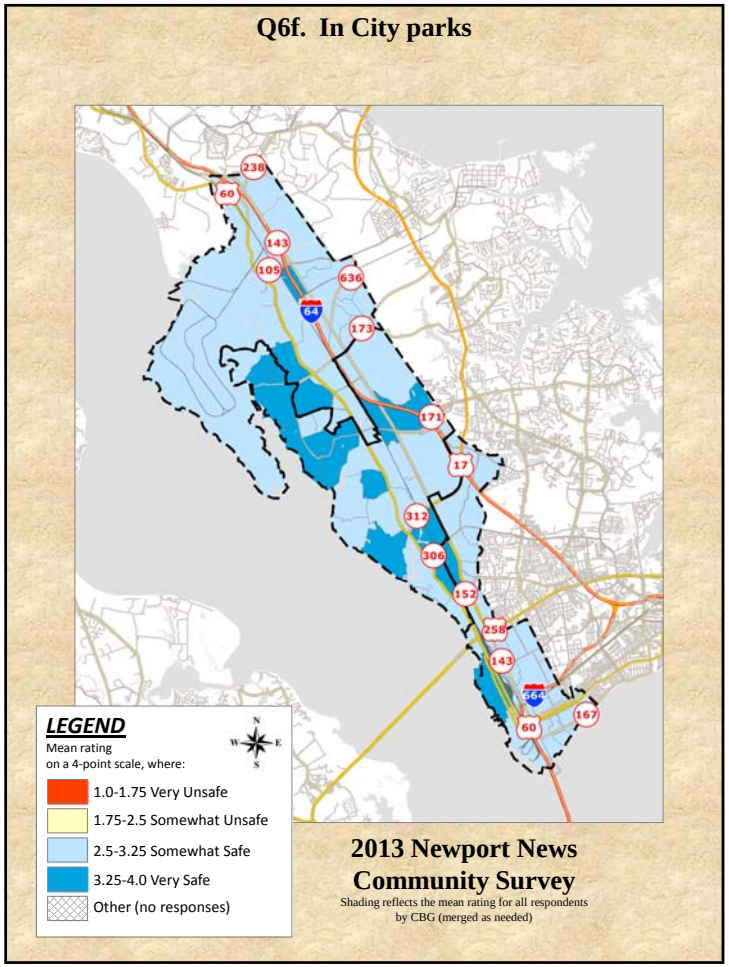


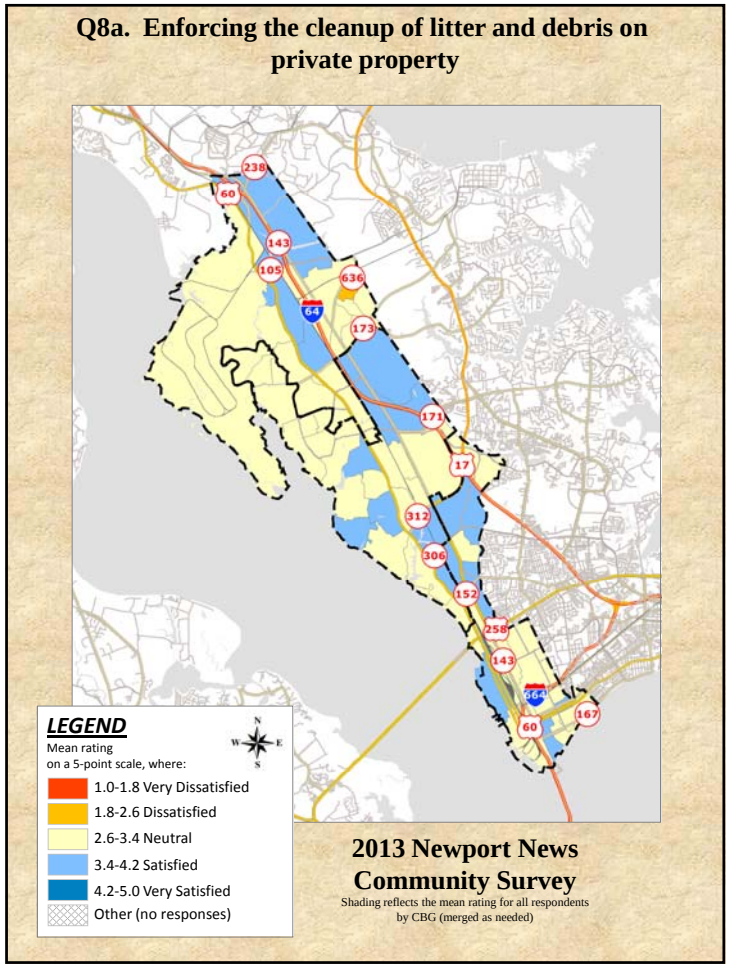
Q6c. In commercial/business areas during the day



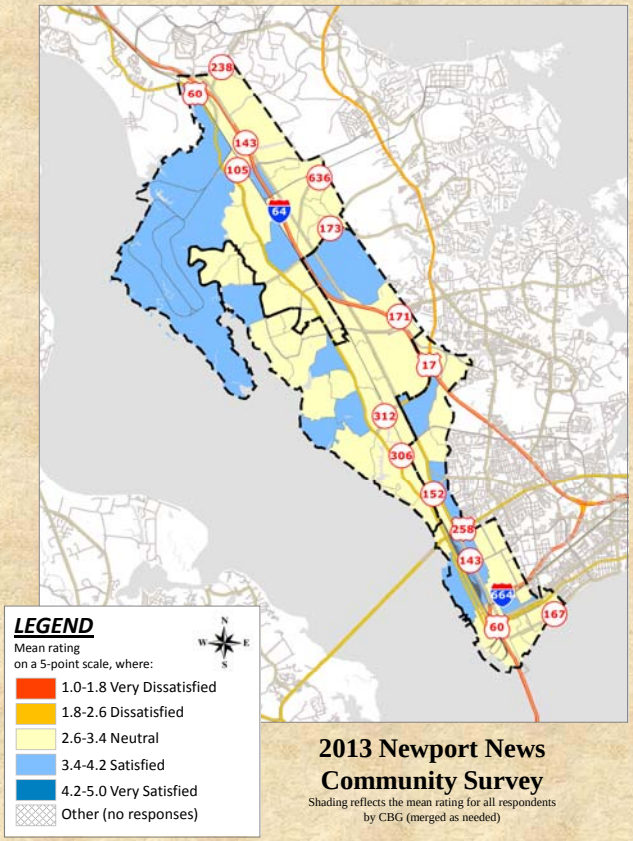

Q6d. In commercial/business areas at night
LEGEND
Mean rating
on a 4-point scale, where:
1.0-1.75 Very Unsafe
1.75-2.5 Somewhat Unsafe
2.5-3.25 Somewhat Safe
3.25-4.0 Very Safe
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q6e. At special events
LEGEND
Mean rating
on a 4-point scale, where:
1.0-1.75 Very Unsafe
1.75-2.5 Somewhat Unsafe
2.5-3.25 Somewhat Safe
3.25-4.0 Very Safe
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)

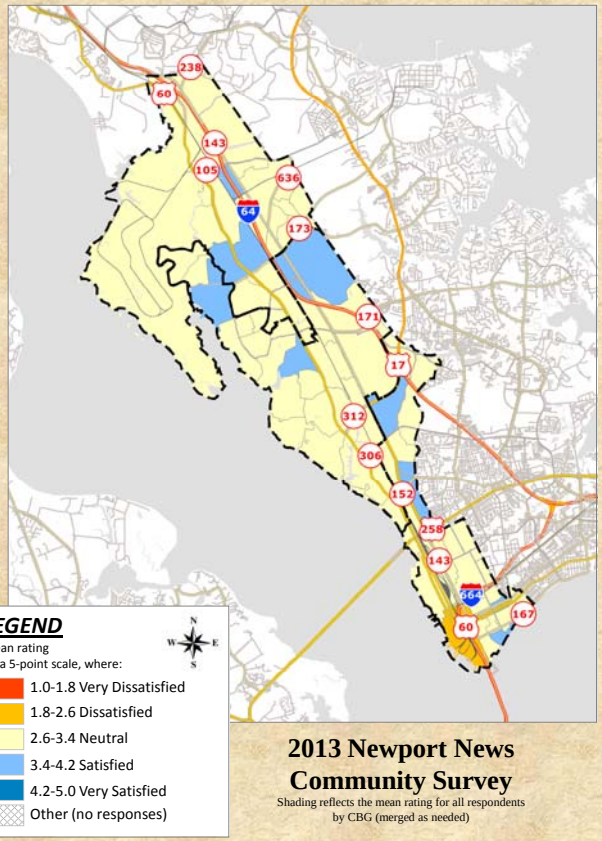

Q6f. In City parks
LEGEND
Mean rating
on a 4-point scale, where:
1.0-1.75 Very Unsafe
1.75-2.5 Somewhat Unsafe
2.5-3.25 Somewhat Safe
3.25-4.0 Very Safe
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q8a. Enforcing the cleanup of litter and debris on private property
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)

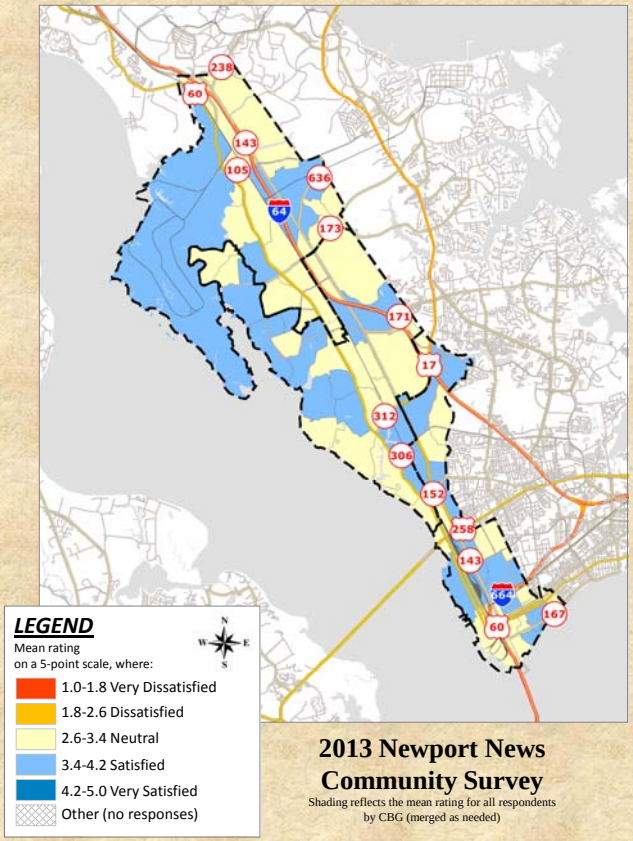
Q8b. Enforcing mowing and cutting of weeds and grass on private property



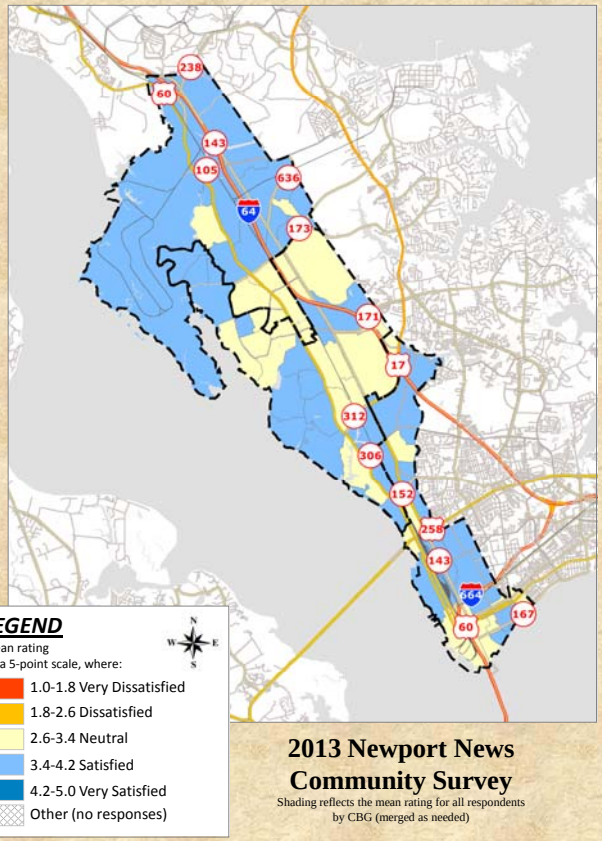
Q8c. Enforcing the maintenance of residential property (exterior of homes)



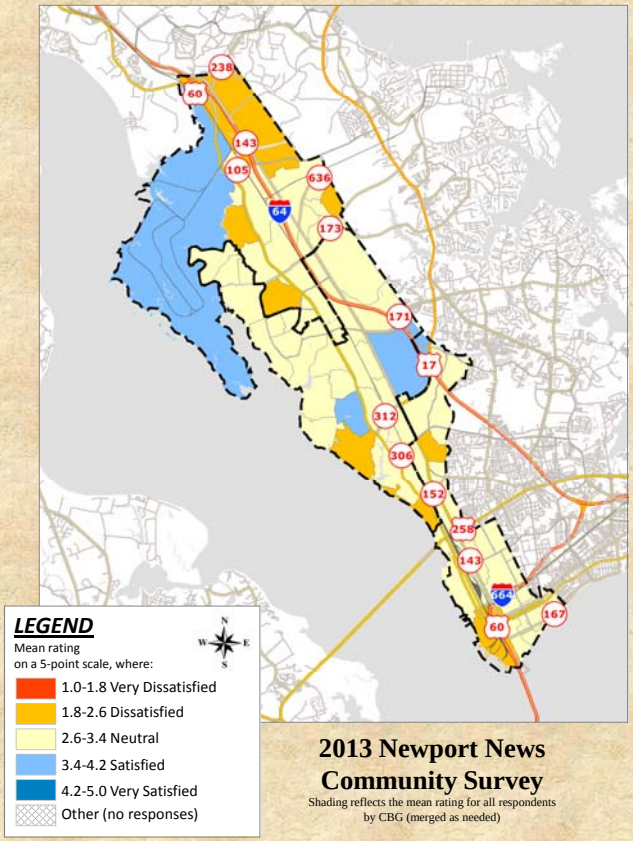
Q8d. Enforcing maintenance of business property



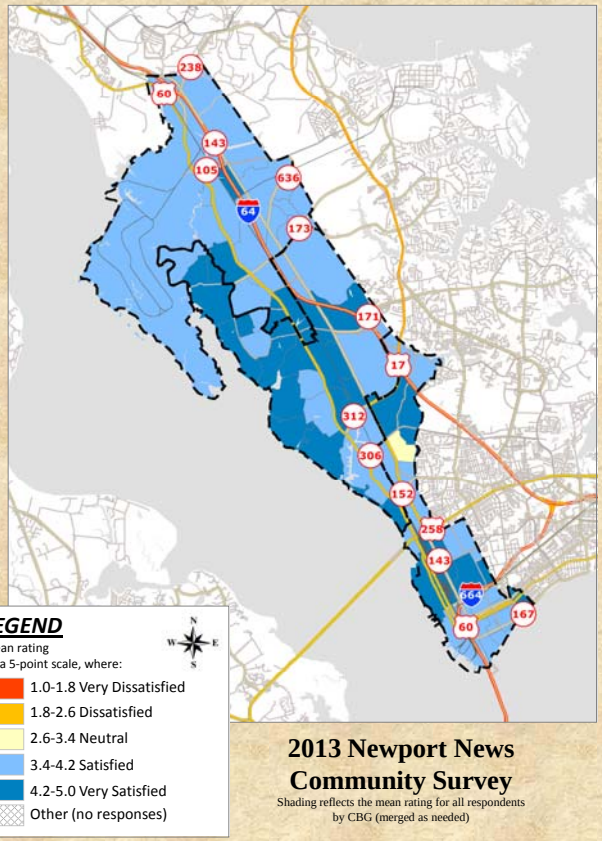
Q8e. Enforcing sign regulations



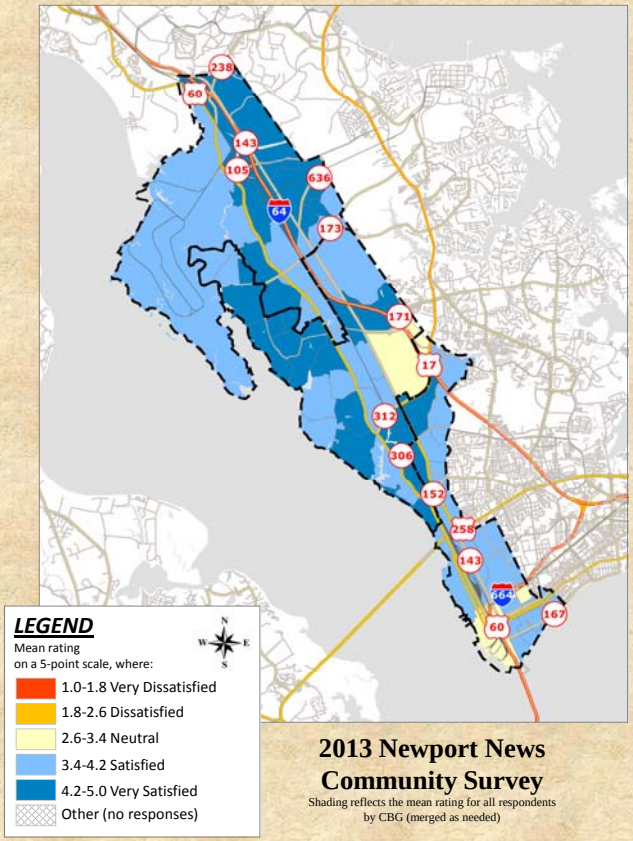
Q8f. Enforcing the removal of blighted/abandoned buildings



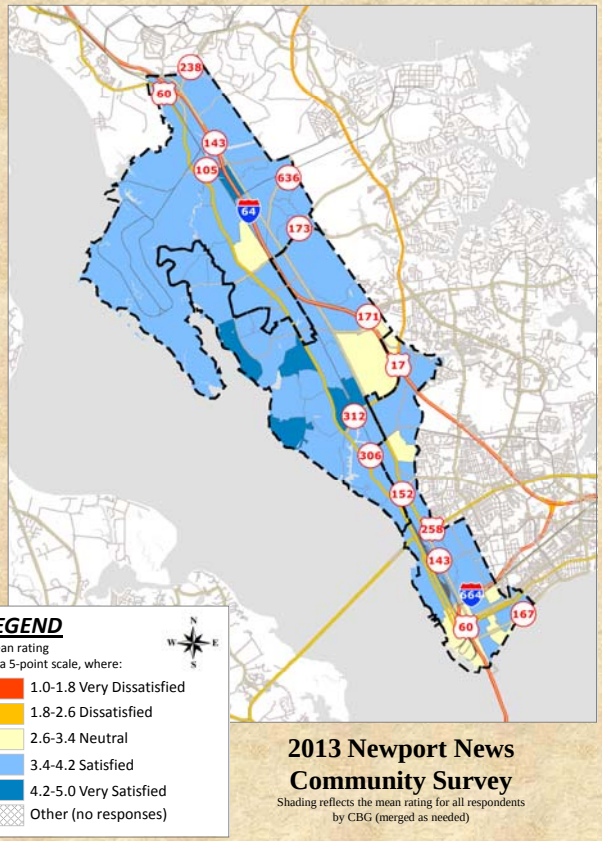
Q10a. Maintenance of City parks



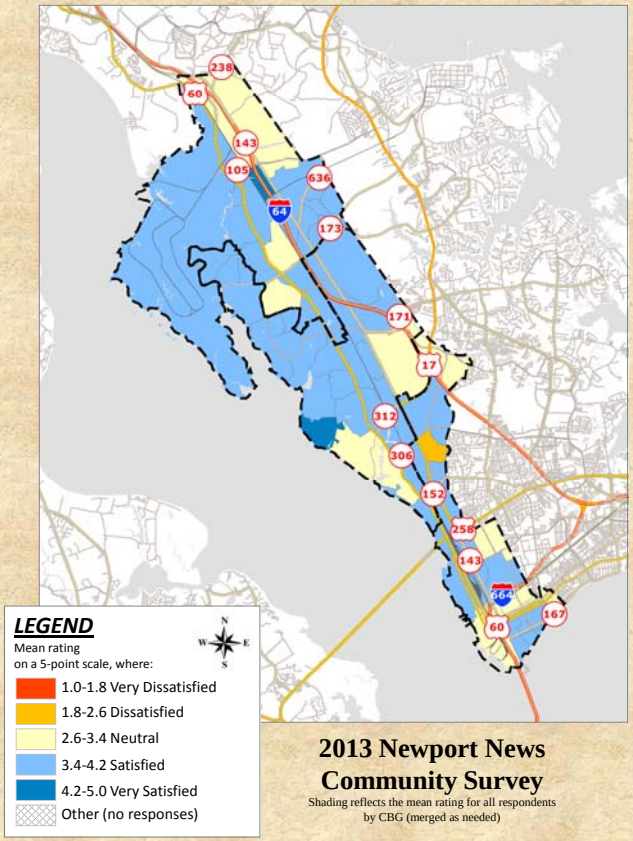
Q10b. Proximity of your home to City parks and green spaces



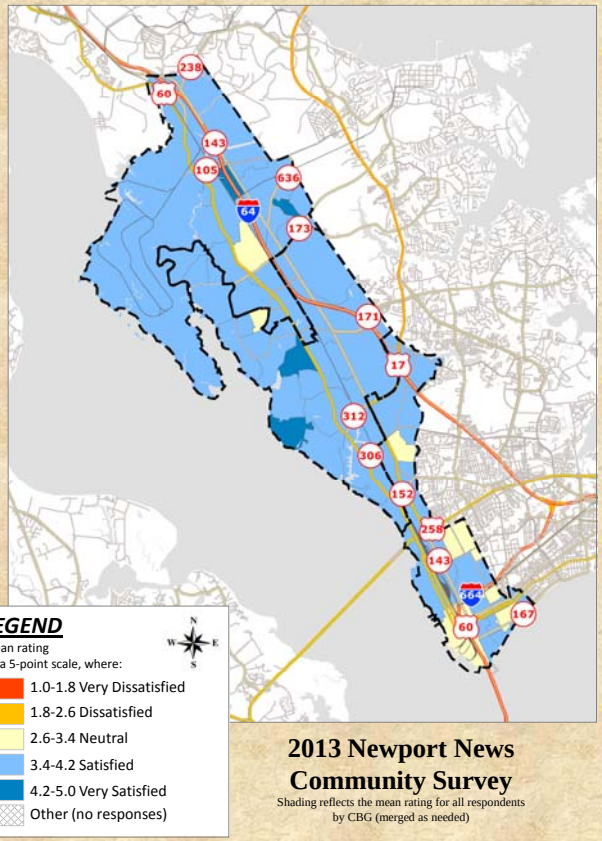
Q10c. Quality of athletic fields



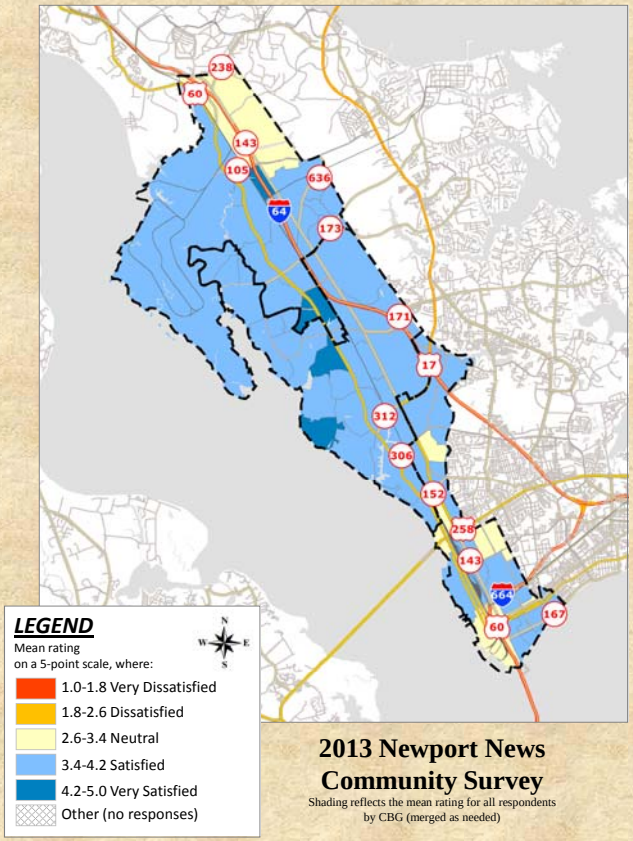
Q10d. Quantity of athletic fields



Q10e. Availability of information about City parks and recreation programs



Q10f. Variety of parks programs



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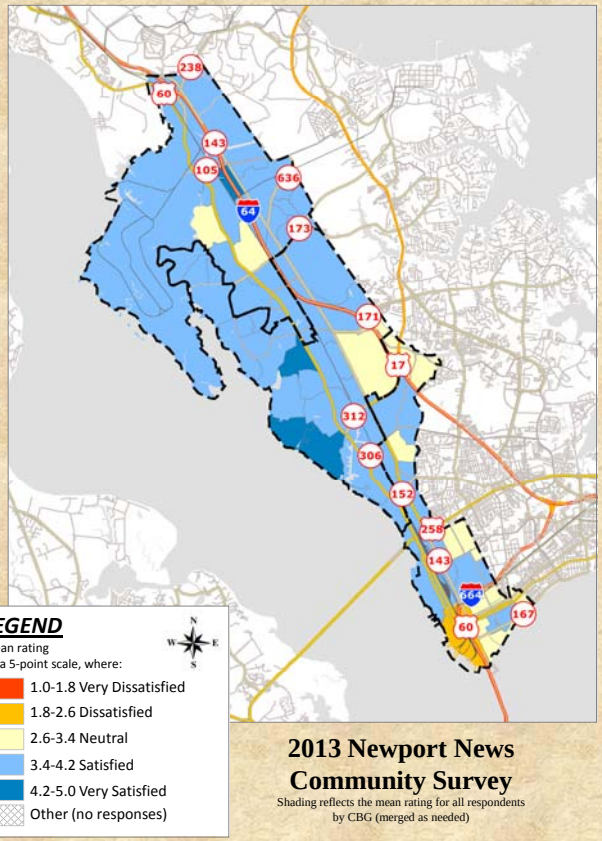
Shading reflects the mean rating for all respondents by CBG (merged as needed)

Q10g. Cost of parks programs and facility fees



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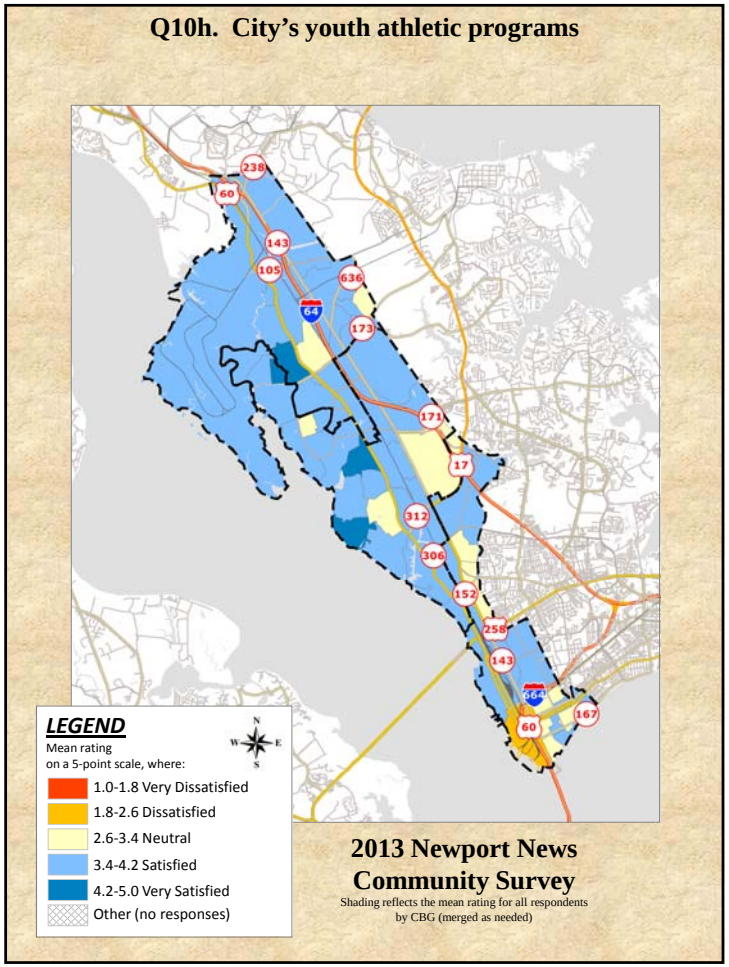
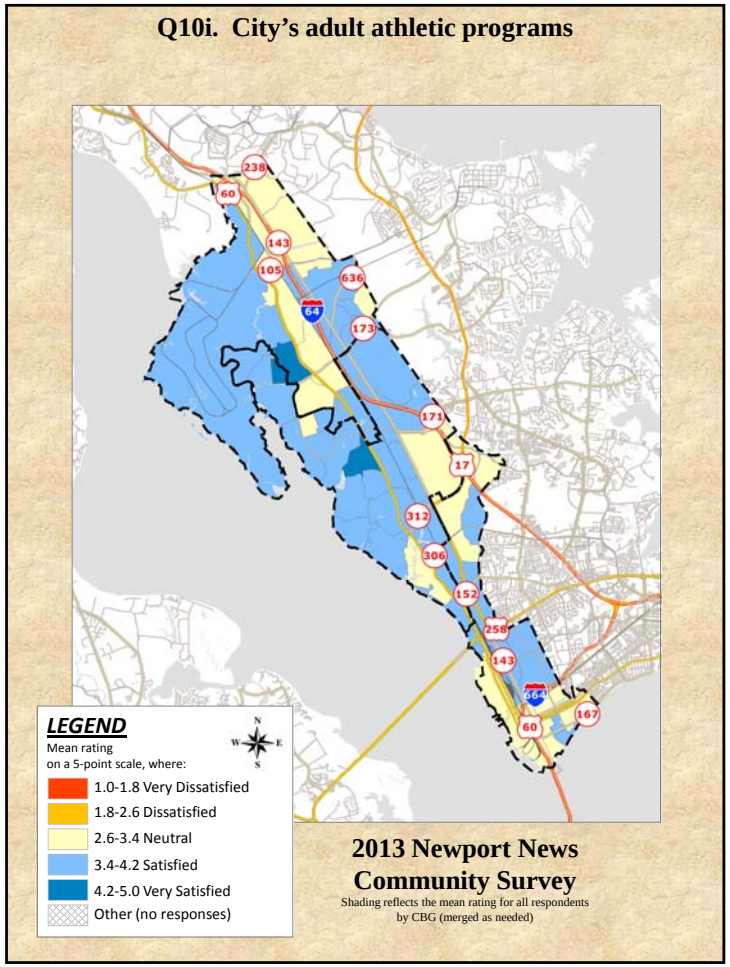
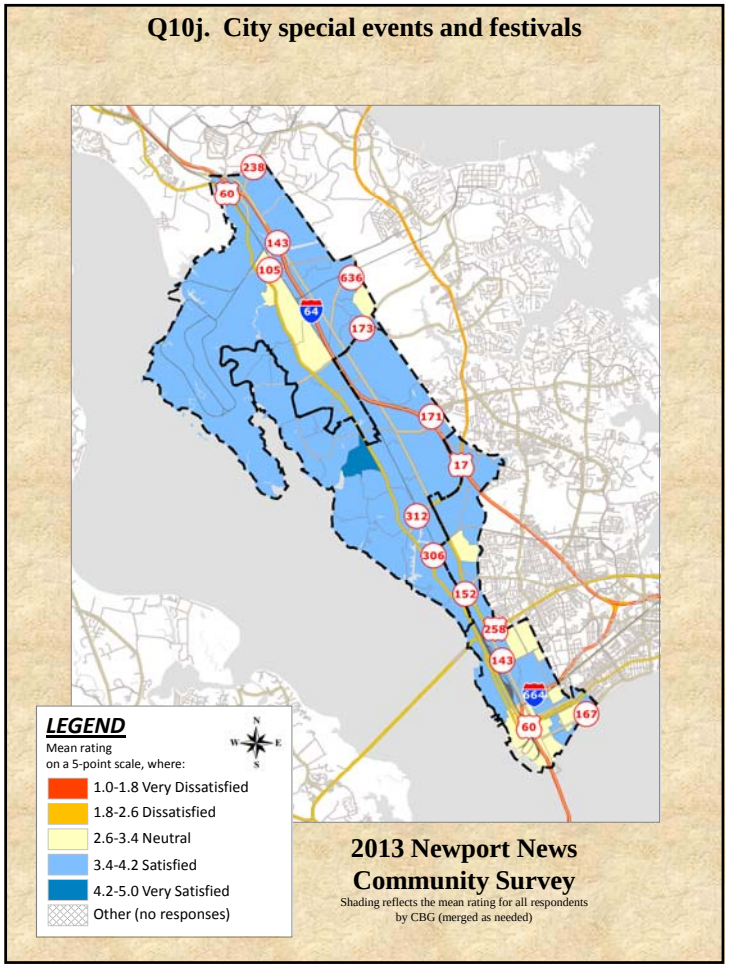
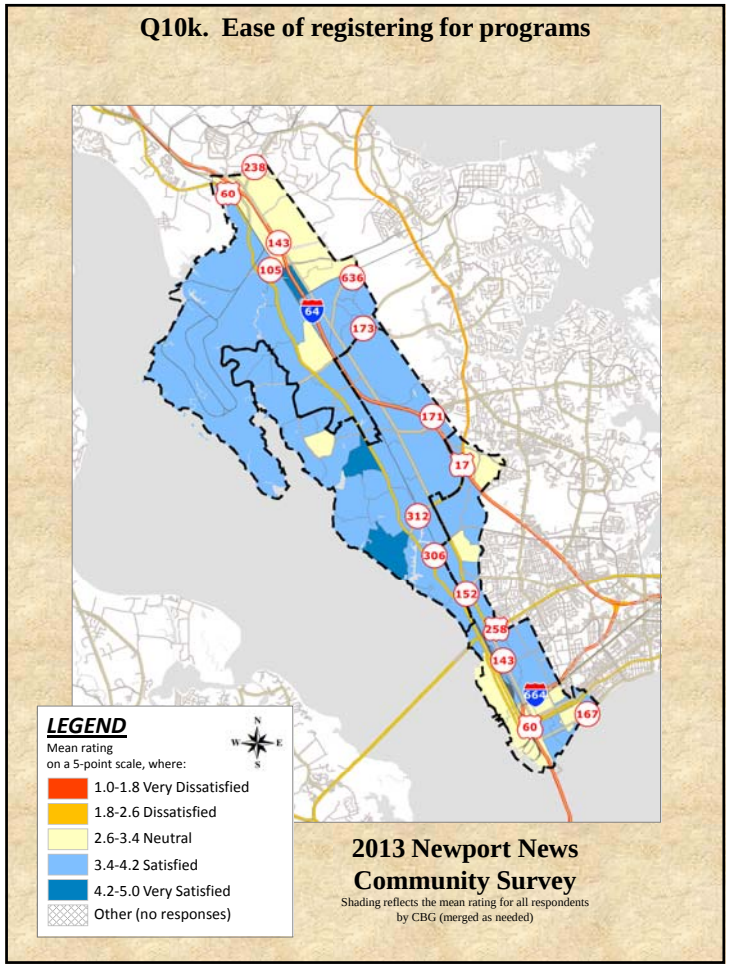

Q10h. City's youth athletic programs
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q10i. City's adult athletic programs
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q10j. City special events and festivals
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q10k. Ease of registering for programs
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
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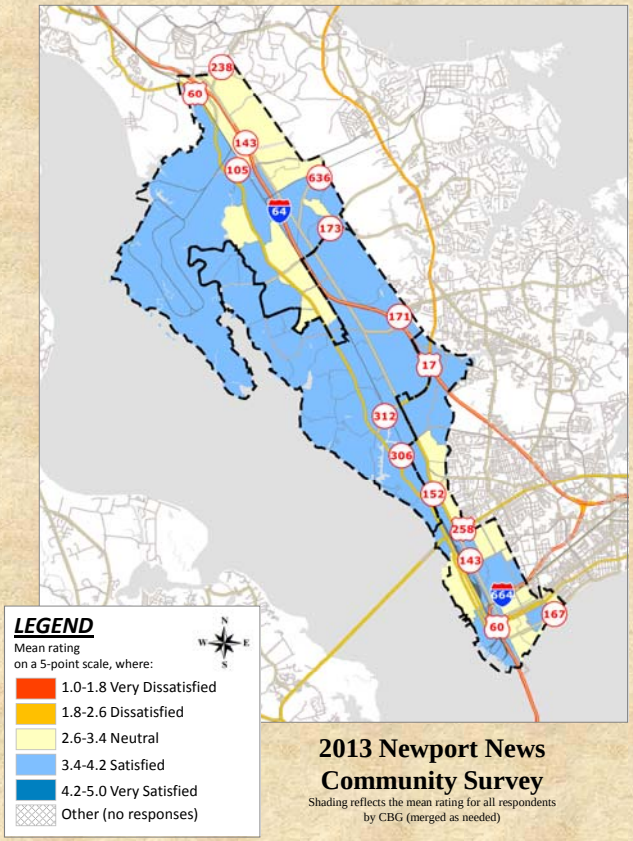
by CBG (merged as needed)

Q10l. Quality of Animal Control



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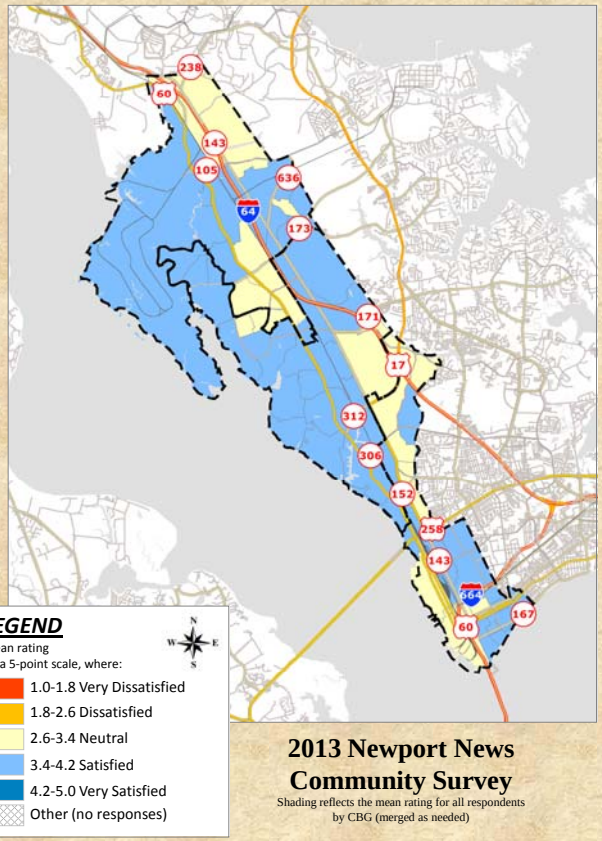
Shading reflects the mean rating for all respondents by CBG (merged as needed)

Q14a. Ease of access to information about City services



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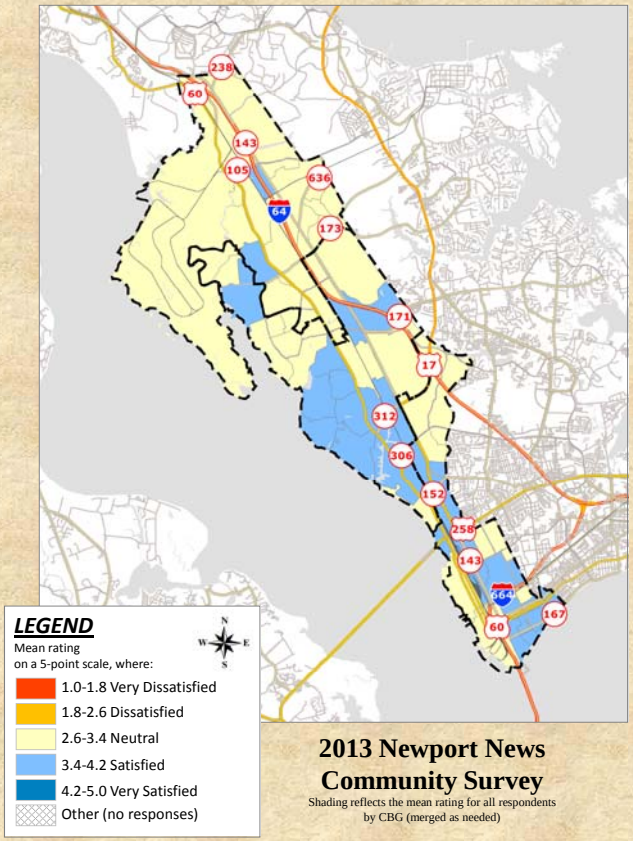
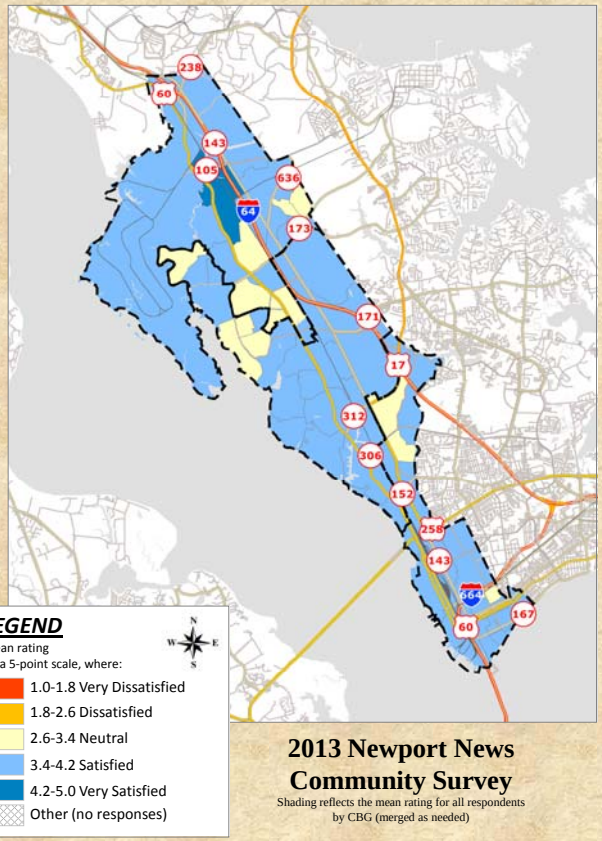
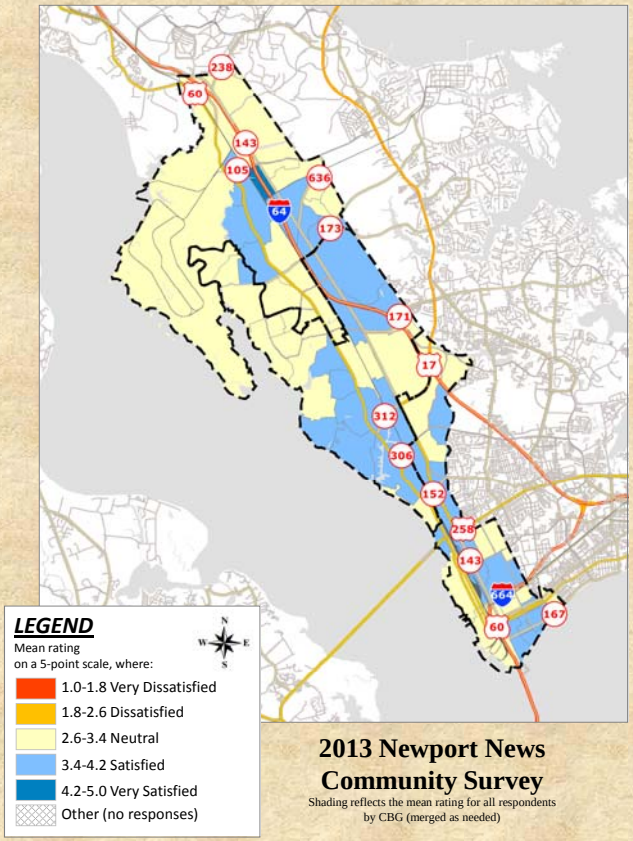
Q14b. Opportunities to participate in local government (advisory boards, volunteering)



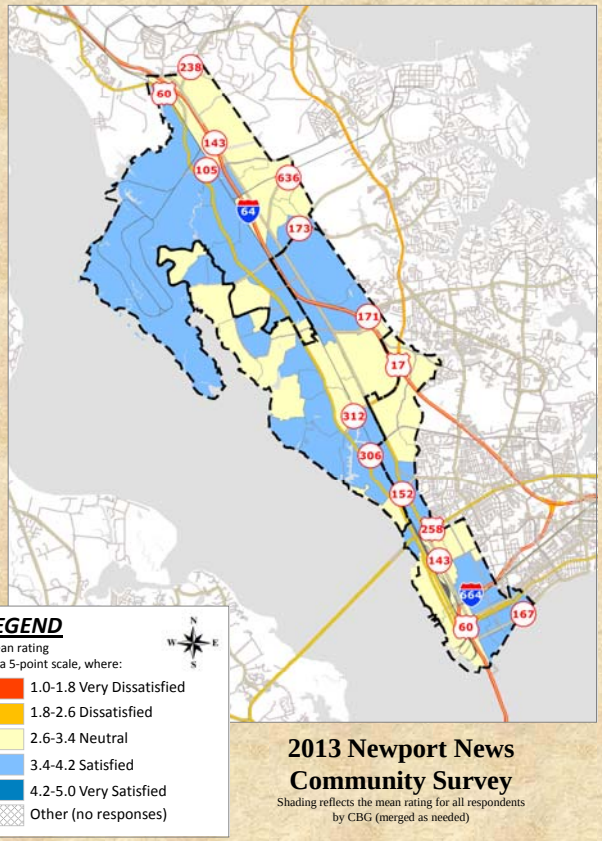
Q14c. Quality of City's web site

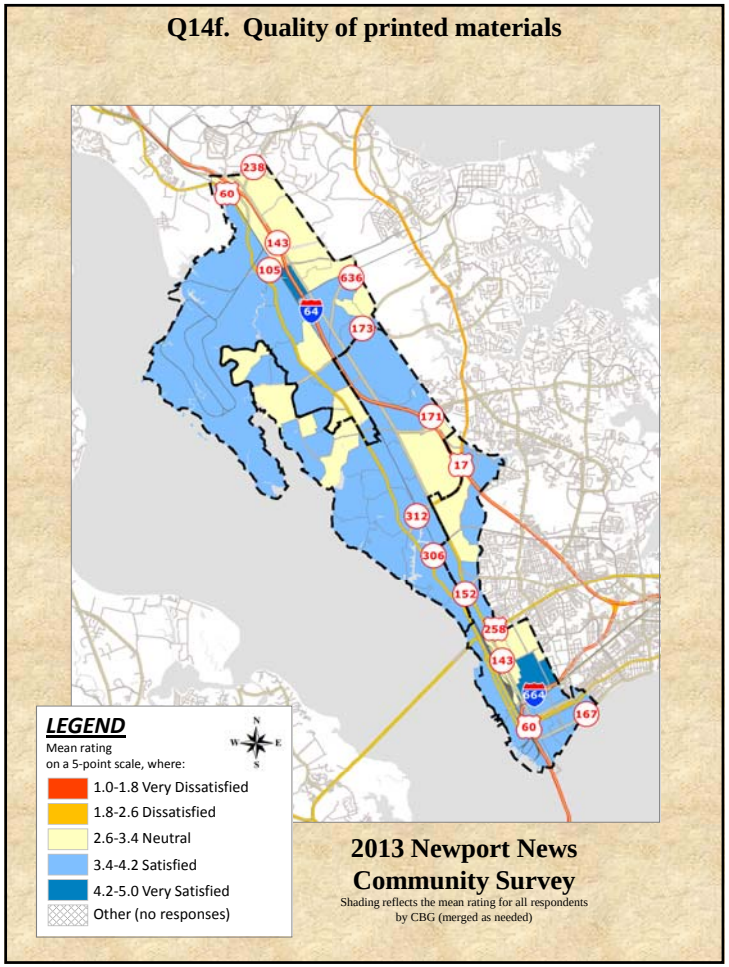


Q14d. City efforts to keep you informed about local issues



Q14e. Effectiveness of public notices in the newspaper




Q14f. Quality of printed materials
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
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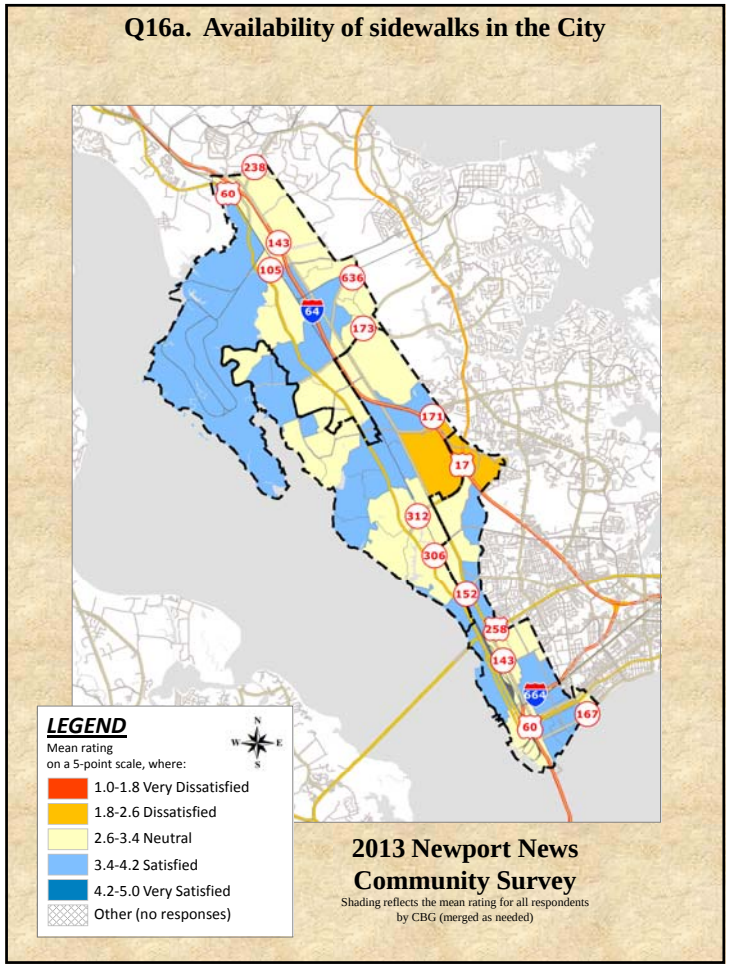
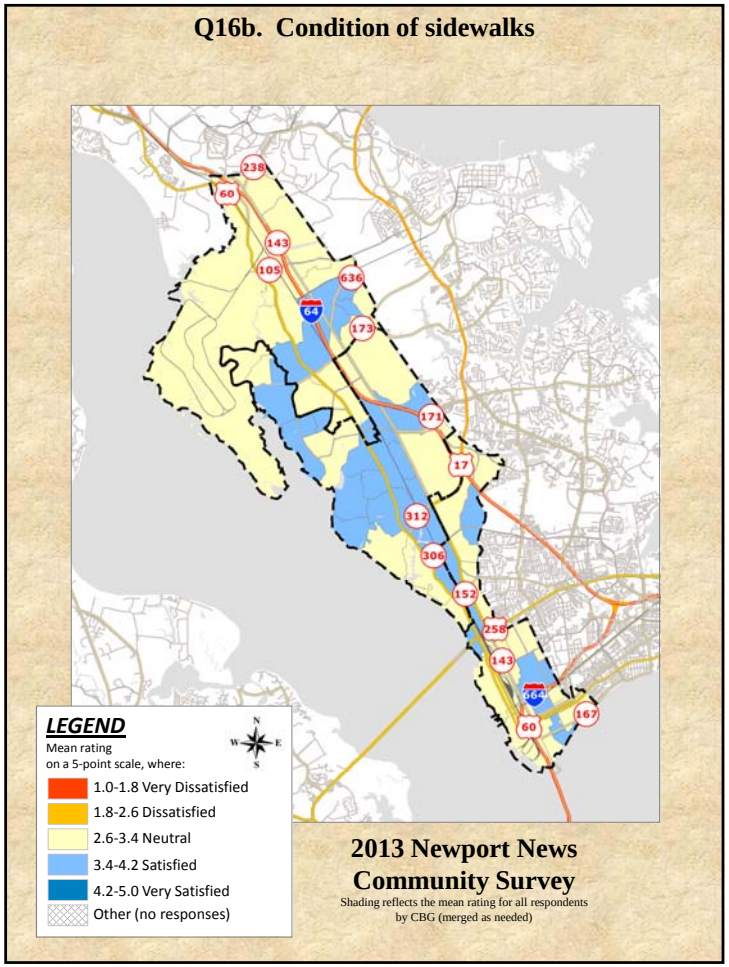
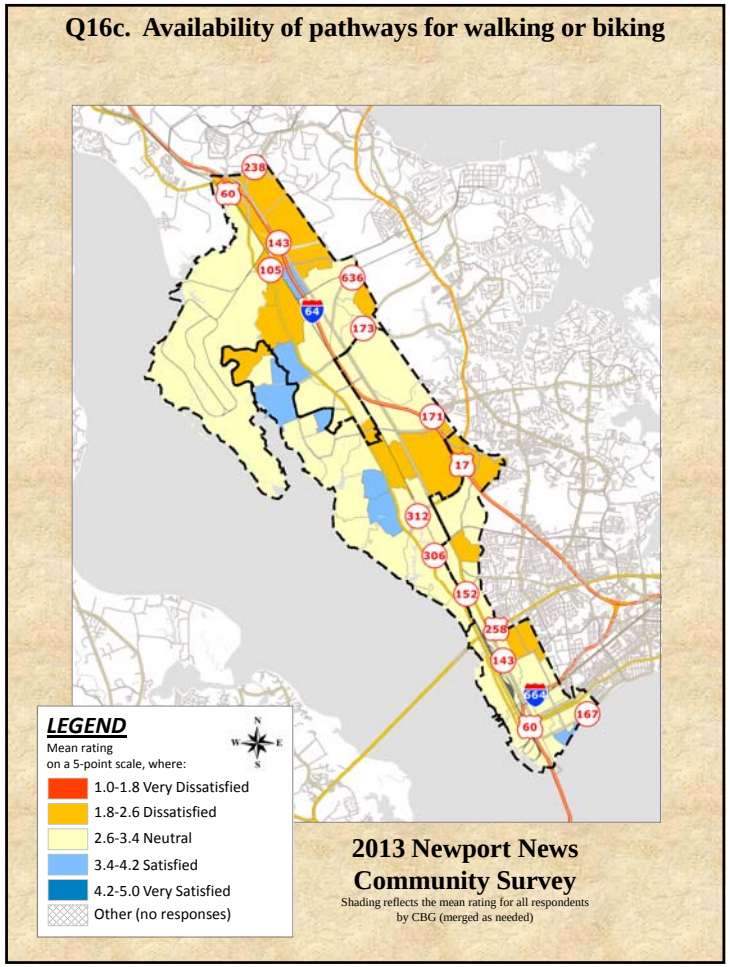

Q16a. Availability of sidewalks in the City
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q16b. Condition of sidewalks
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q16c. Availability of pathways for walking or biking
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
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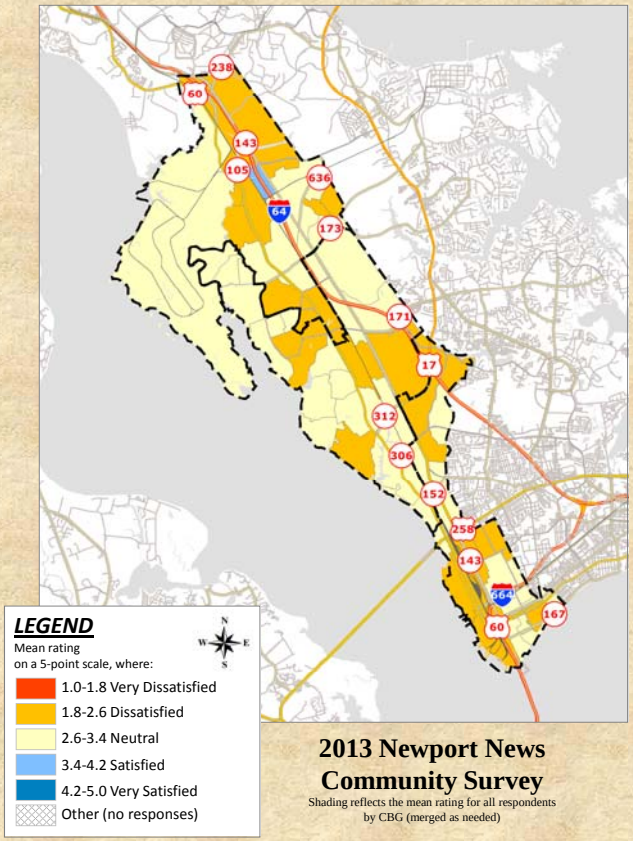
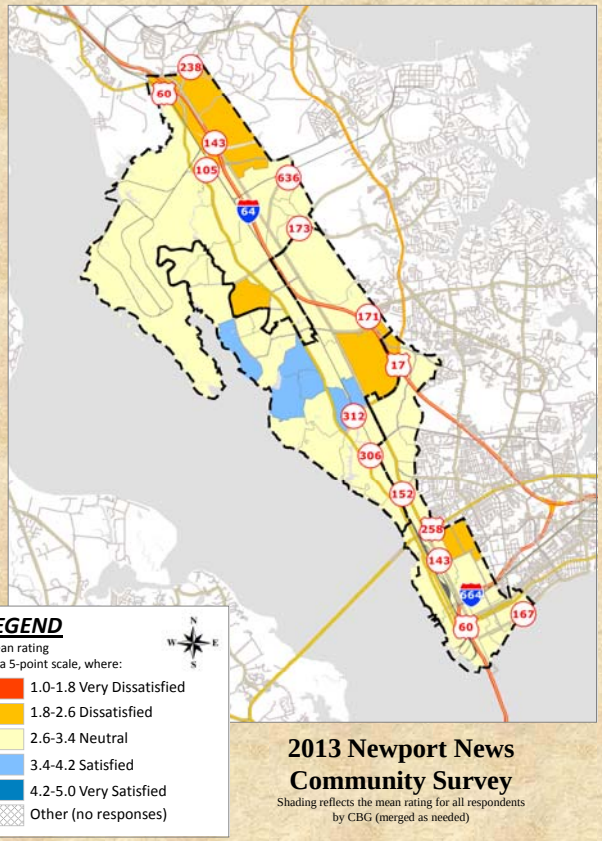
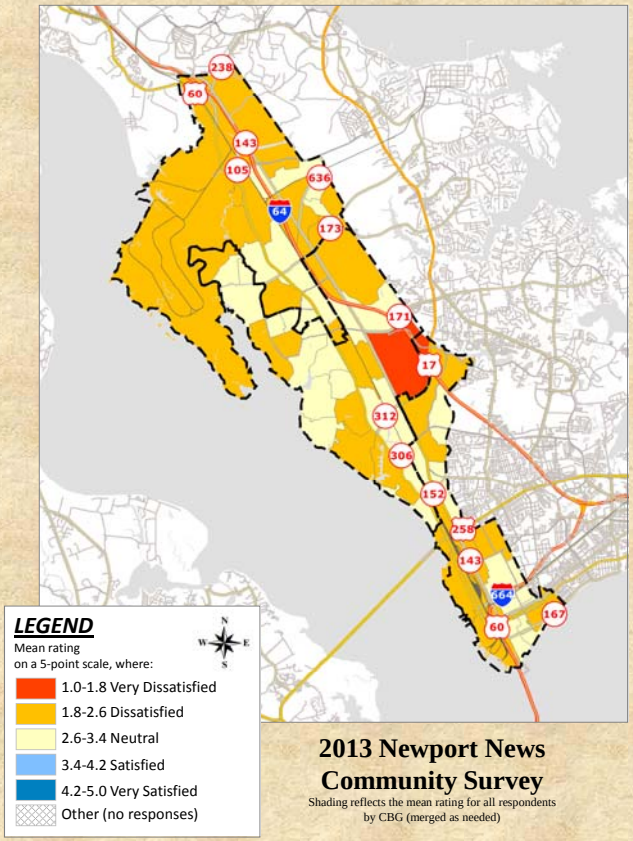
Q16d. Safety of biking in the City



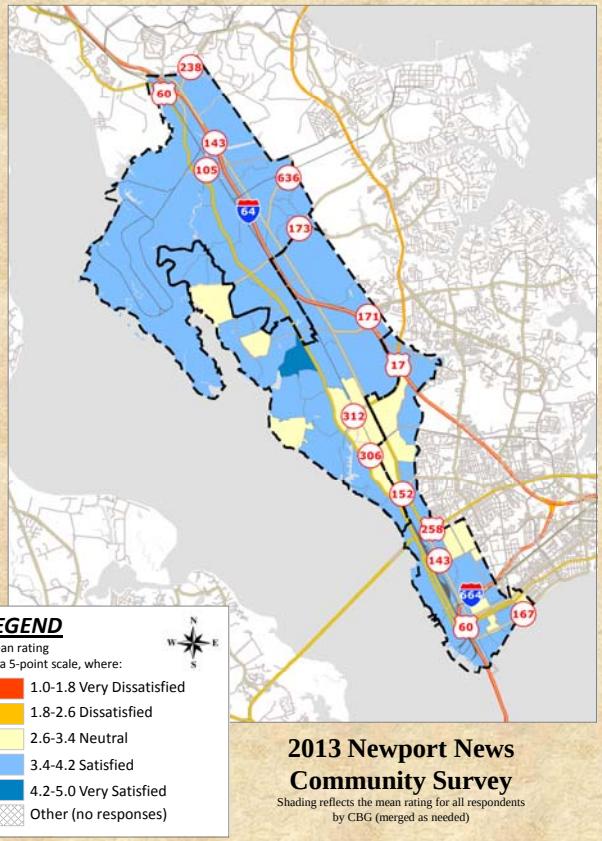
Q16e. Safety of walking in the City



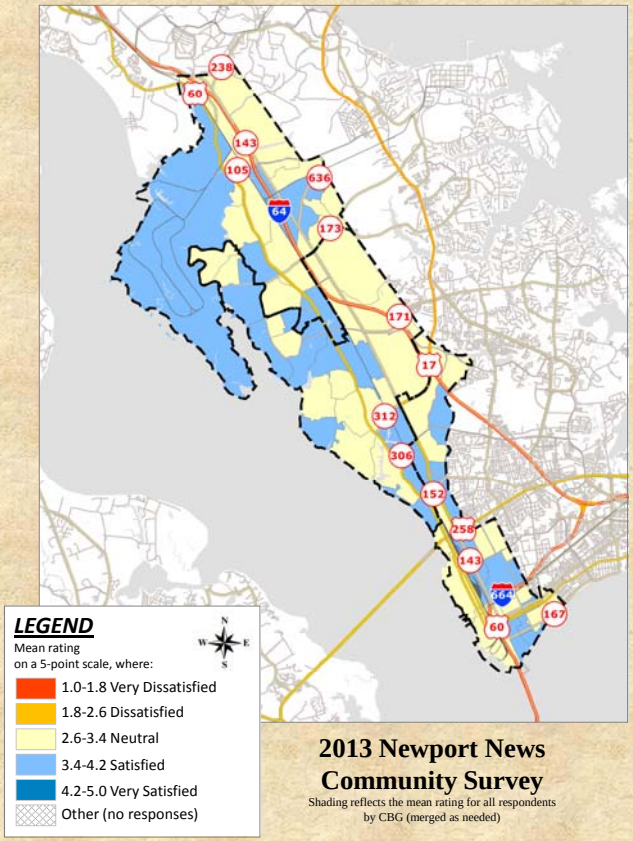
Q16f. Availability of biking lanes and amenities



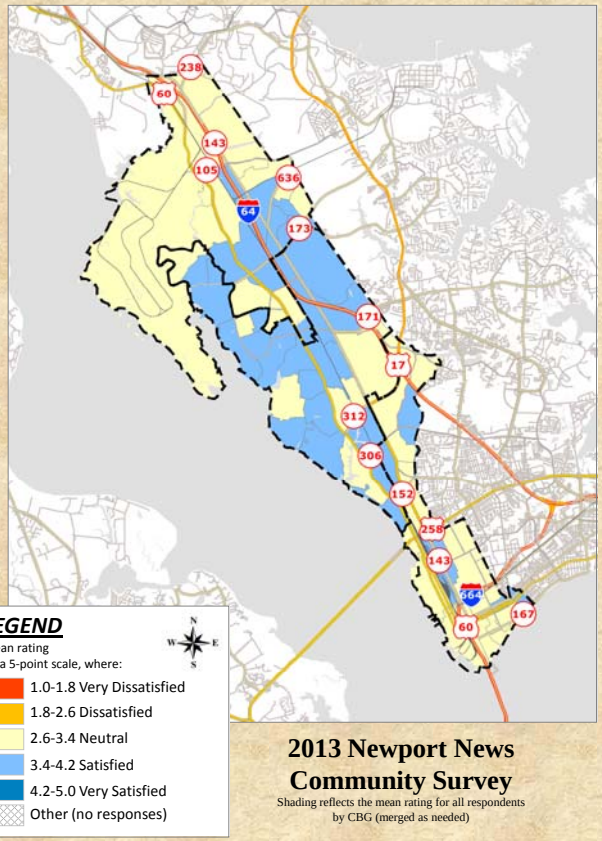
Q16g. Level of service at Airport



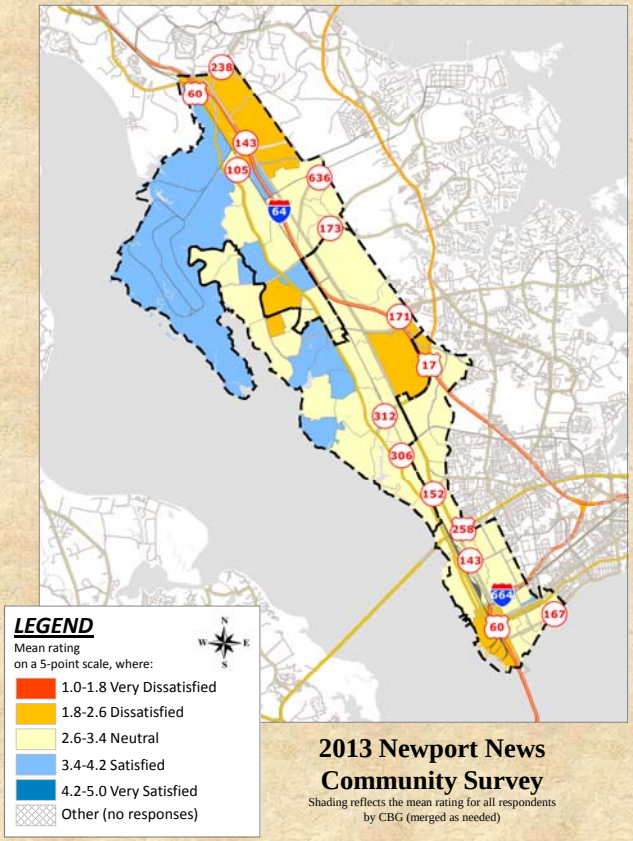
Q16h. Availability of public transit options (Bus Service)



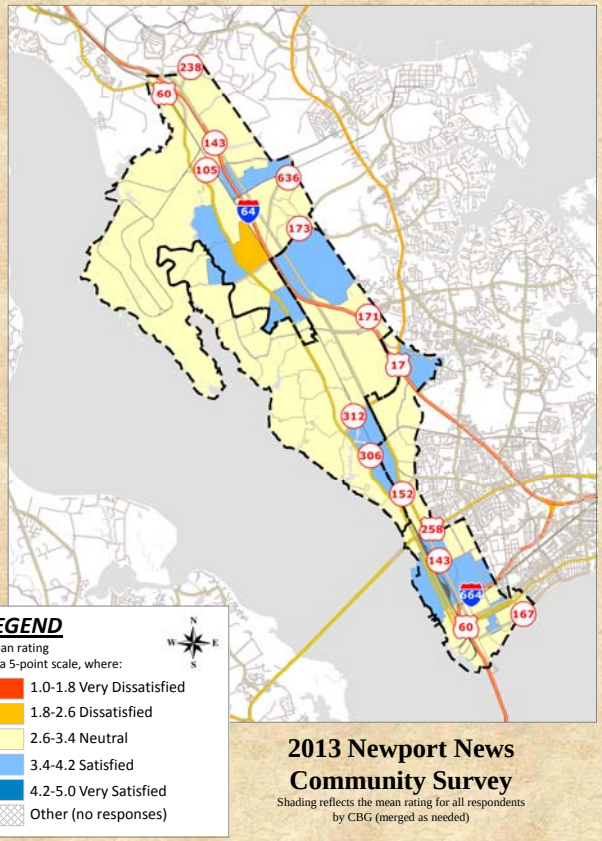
Q16i. Availability of public parking at City Center



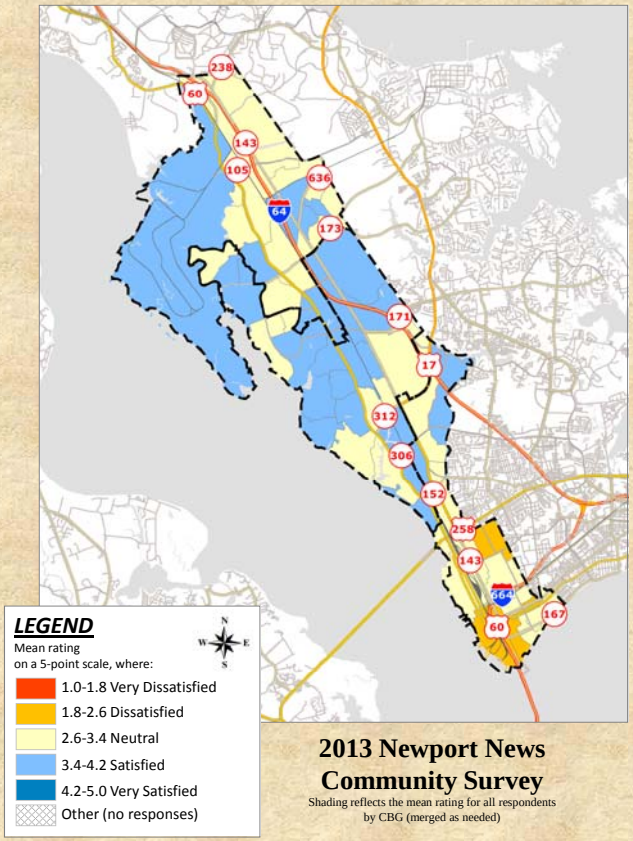
Q16j. Availability of public parking in historic downtown



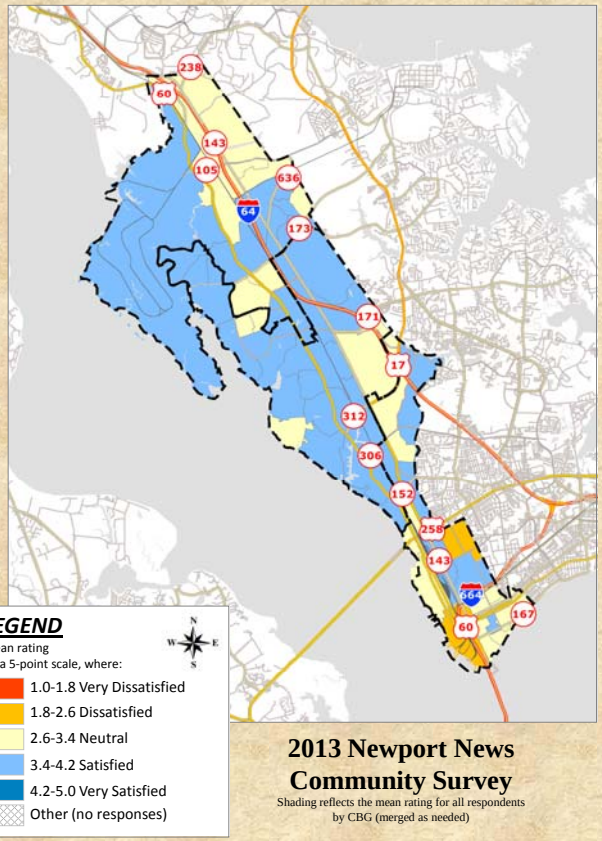
Q16k. How well the traffic signal system provides for efficient traffic flow

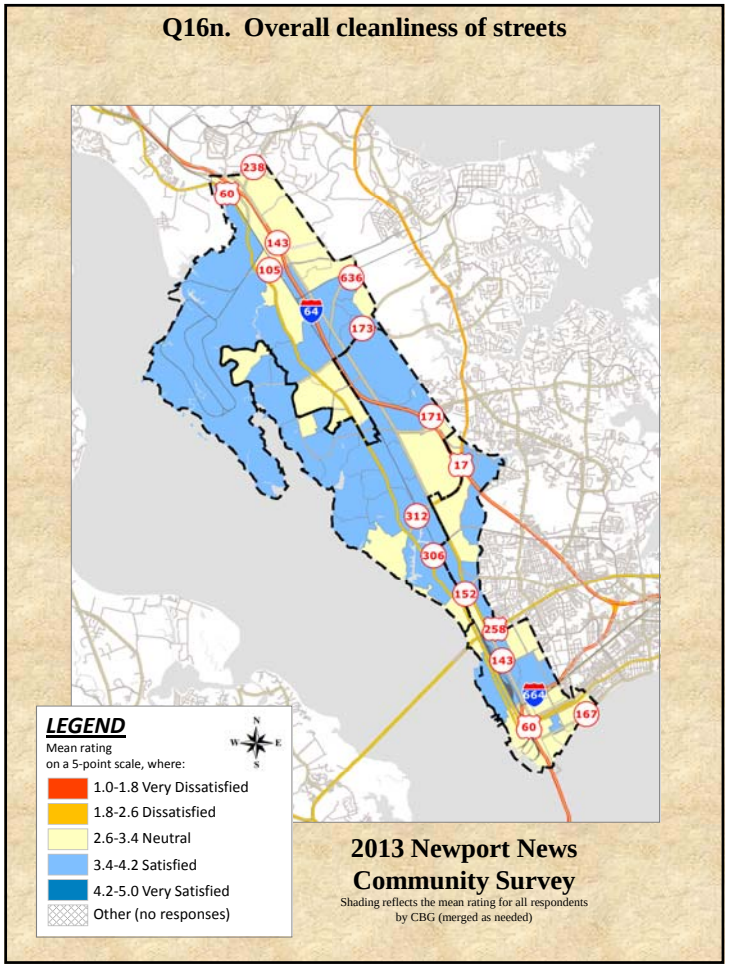


Q16l. Maintenance of streets in your neighborhood



Q16m. Overall maintenance of street signs/ pavement markings




Q16n. Overall cleanliness of streets
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
Community Survey
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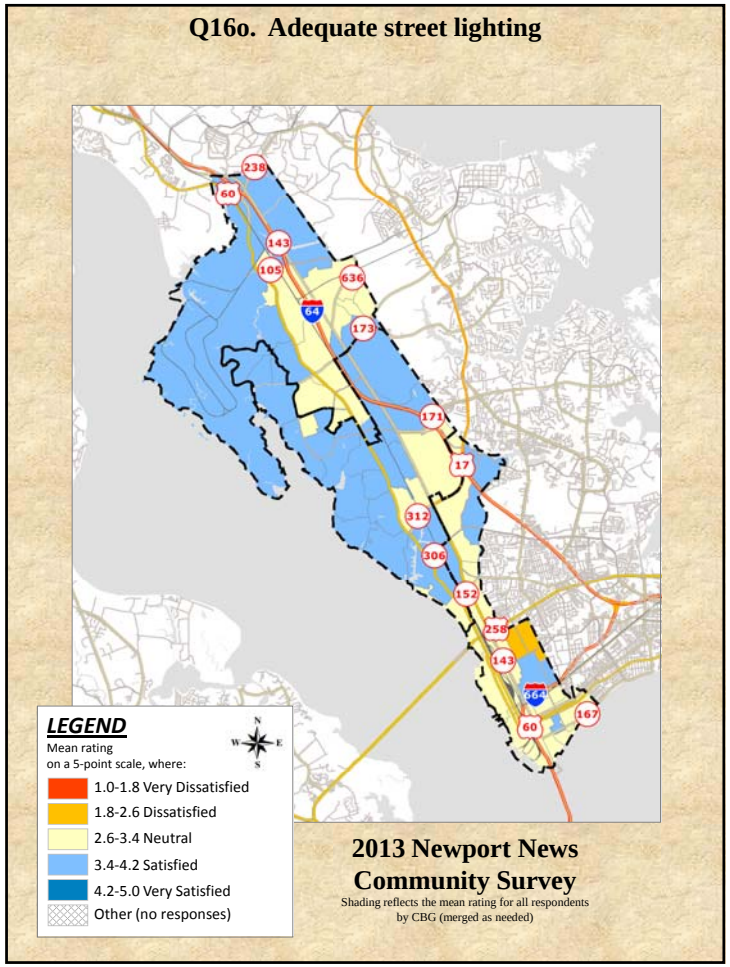
Q16o. Adequate street lighting
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Very Dissatisfied
1.8-2.6 Dissatisfied
2.6-3.4 Neutral
3.4-4.2 Satisfied
4.2-5.0 Very Satisfied
Other (no responses)
2013 Newport News
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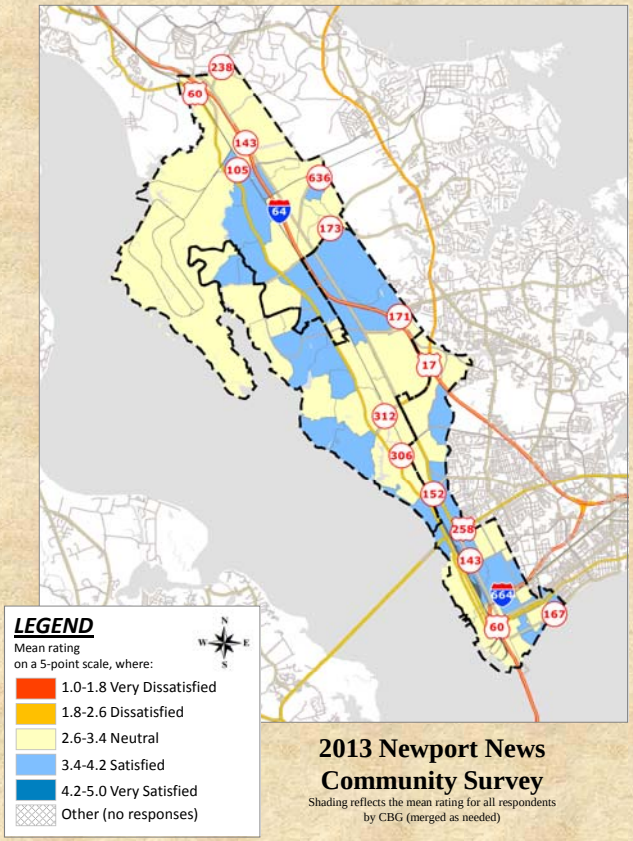
Q16p. Access to the waterfront



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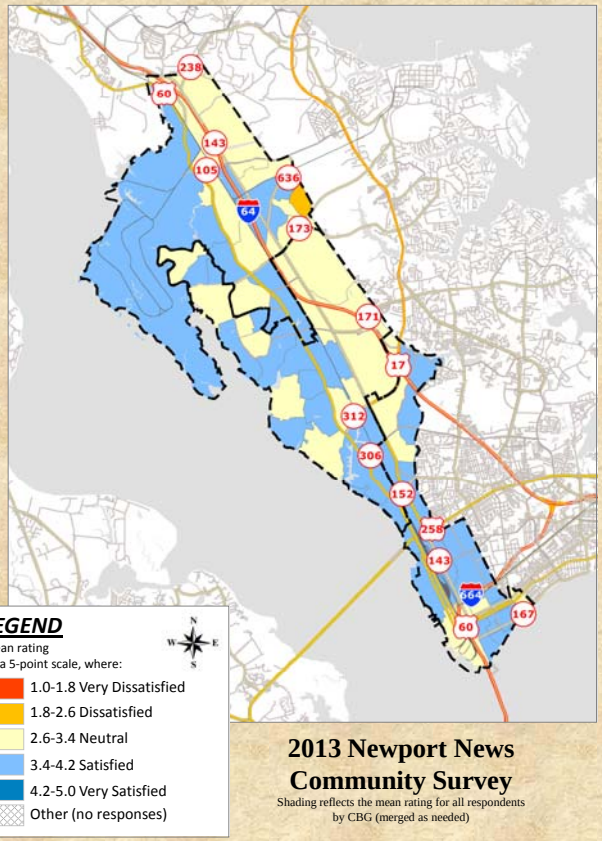
Q16q. Amtrak services



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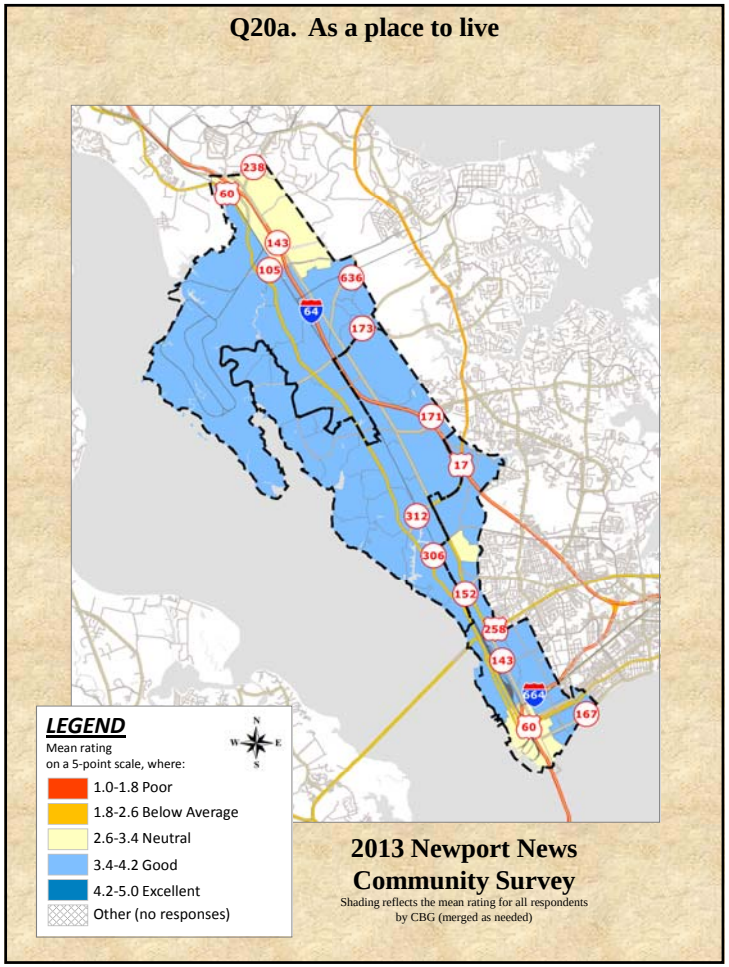
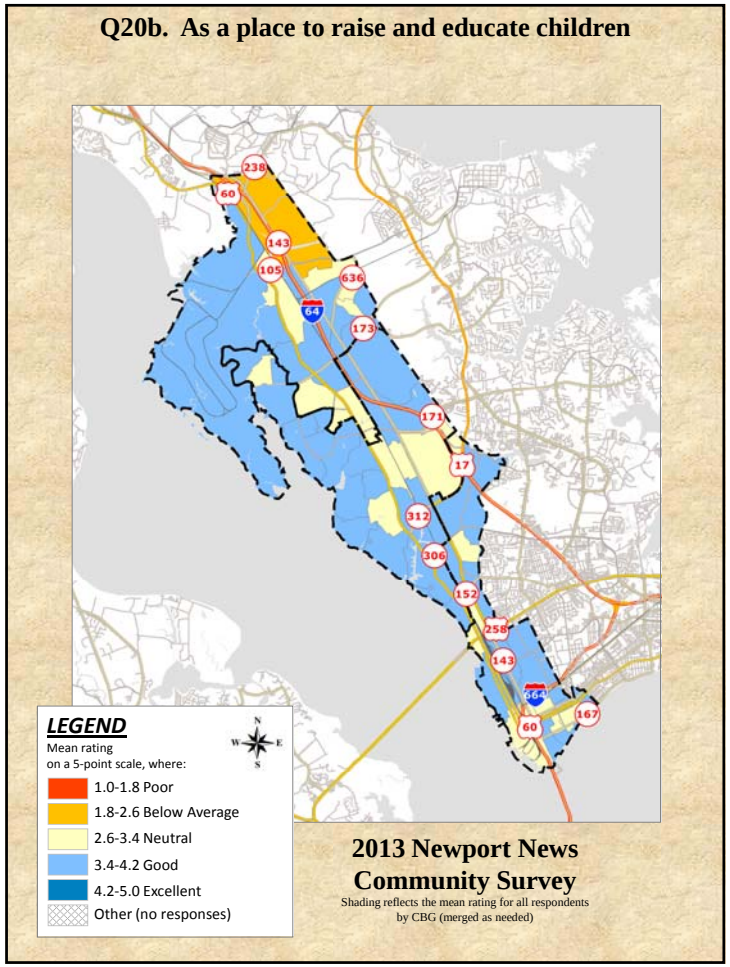
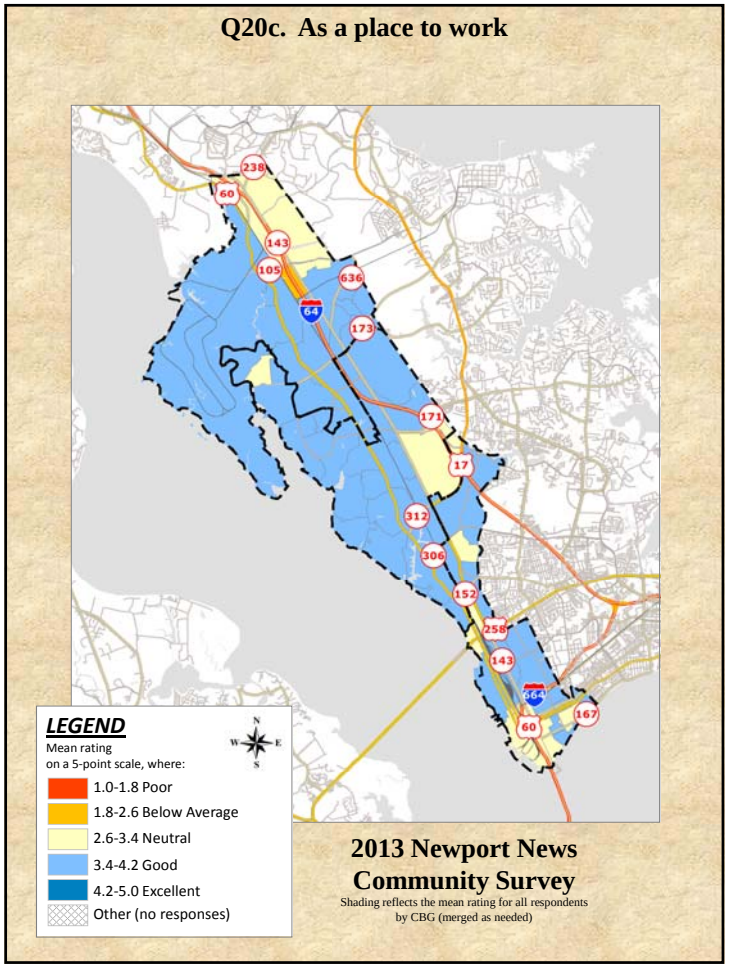

Q20a. As a place to live
238
60
143
105
636
64
173
171
17
312
306
152
258
143
664
60
167
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Poor
1.8-2.6 Below Average
2.6-3.4 Neutral
3.4-4.2 Good
4.2-5.0 Excellent
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q20b. As a place to raise and educate children
238
60
143
105
636
64
173
171
17
312
306
152
258
143
664
60
167
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Poor
1.8-2.6 Below Average
2.6-3.4 Neutral
3.4-4.2 Good
4.2-5.0 Excellent
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q20c. As a place to work
238
60
143
105
636
64
173
171
17
312
306
152
258
143
664
60
167
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Poor
1.8-2.6 Below Average
2.6-3.4 Neutral
3.4-4.2 Good
4.2-5.0 Excellent
Other (no responses)
2013 Newport News
Community Survey
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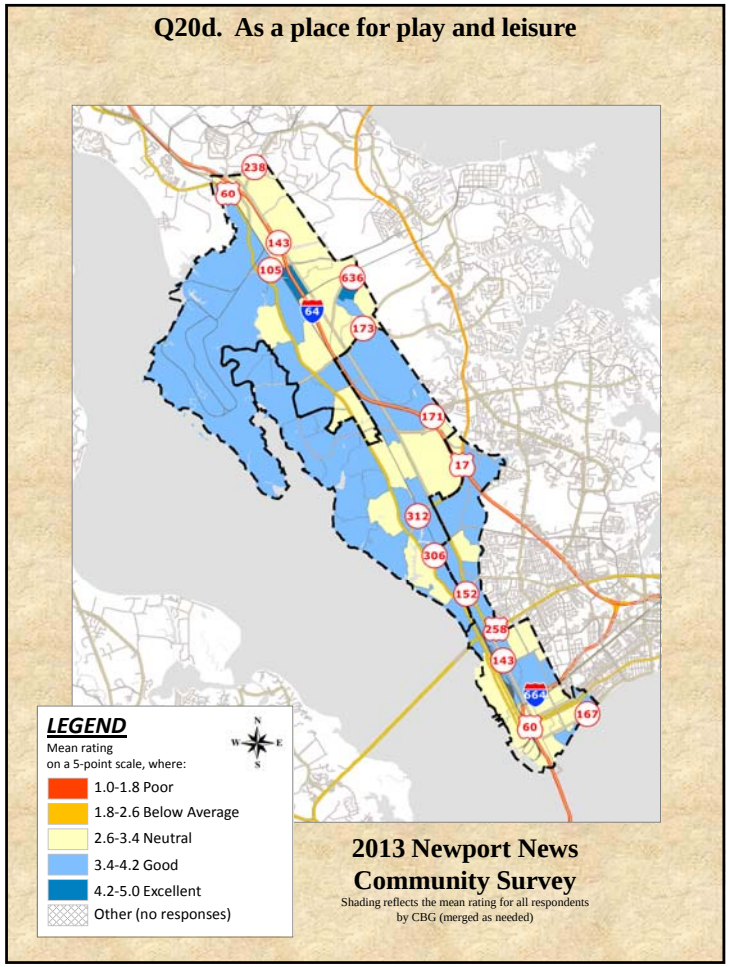
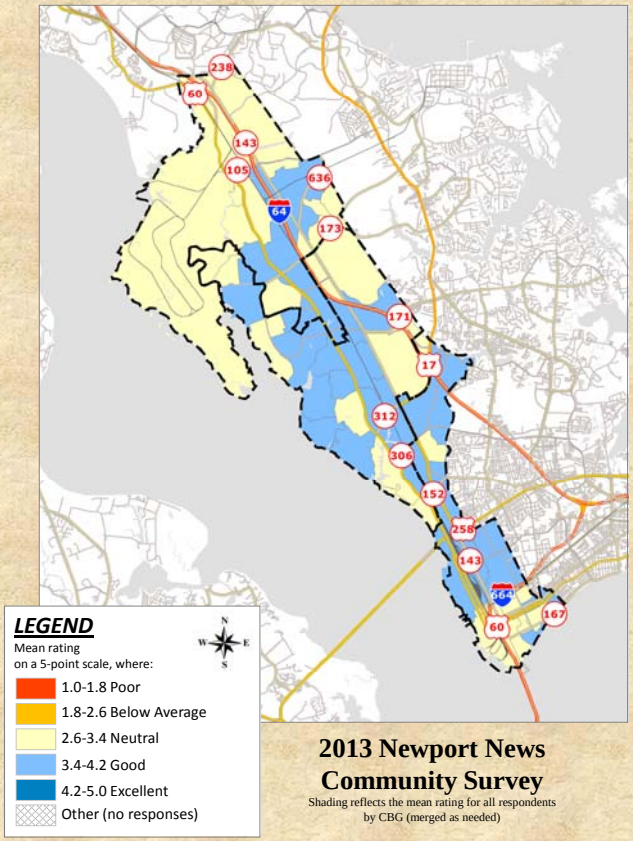
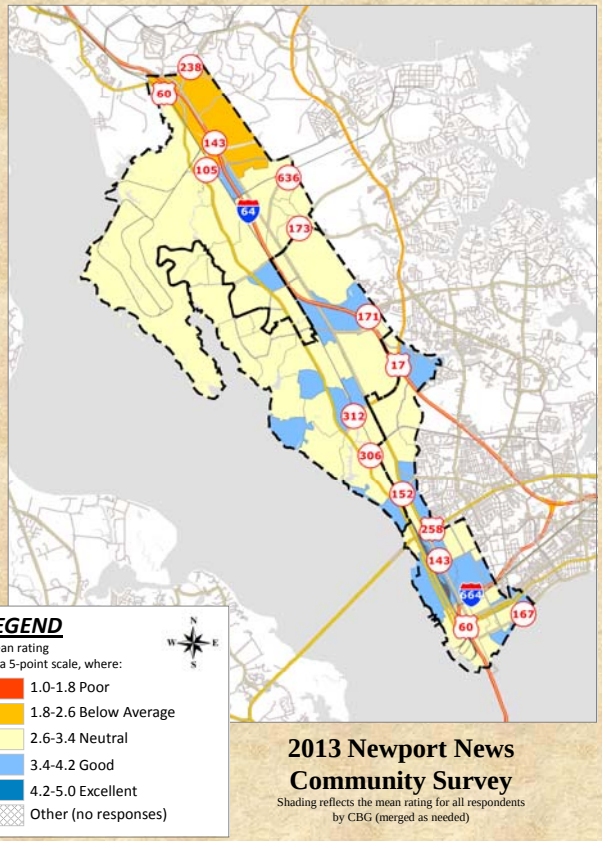
by CBG (merged as needed)

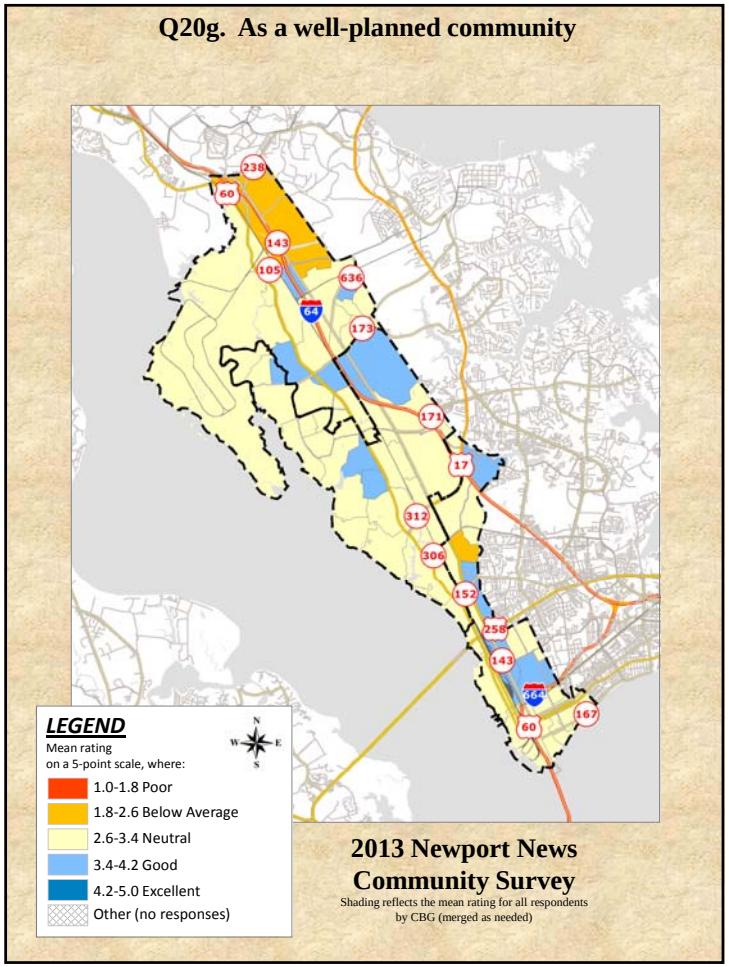

Q20d. As a place for play and leisure
238
60
143
105
636
64
173
171
17
312
306
152
258
143
664
60
167
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Poor
1.8-2.6 Below Average
2.6-3.4 Neutral
3.4-4.2 Good
4.2-5.0 Excellent
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)

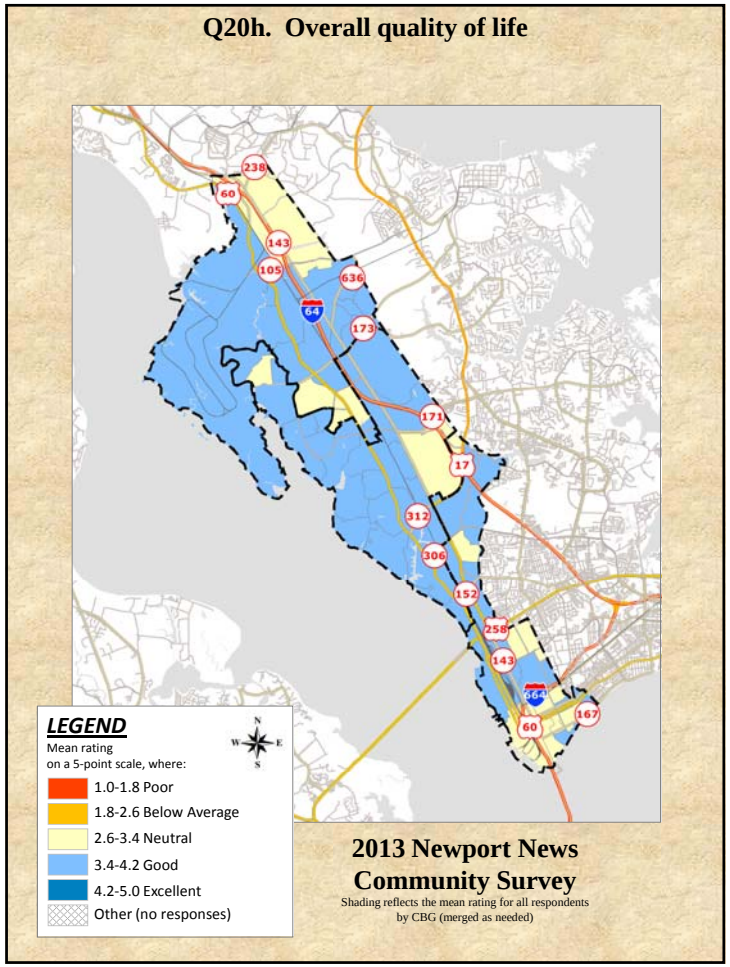
Q20e. As a place to visit



Q20f. As a place to retire




Q20g. As a well-planned community
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Poor
1.8-2.6 Below Average
2.6-3.4 Neutral
3.4-4.2 Good
4.2-5.0 Excellent
Other (no responses)
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)


Q20h. Overall quality of life
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Poor
1.8-2.6 Below Average
2.6-3.4 Neutral
3.4-4.2 Good
4.2-5.0 Excellent
Other (no responses)
2013 Newport News
Community Survey
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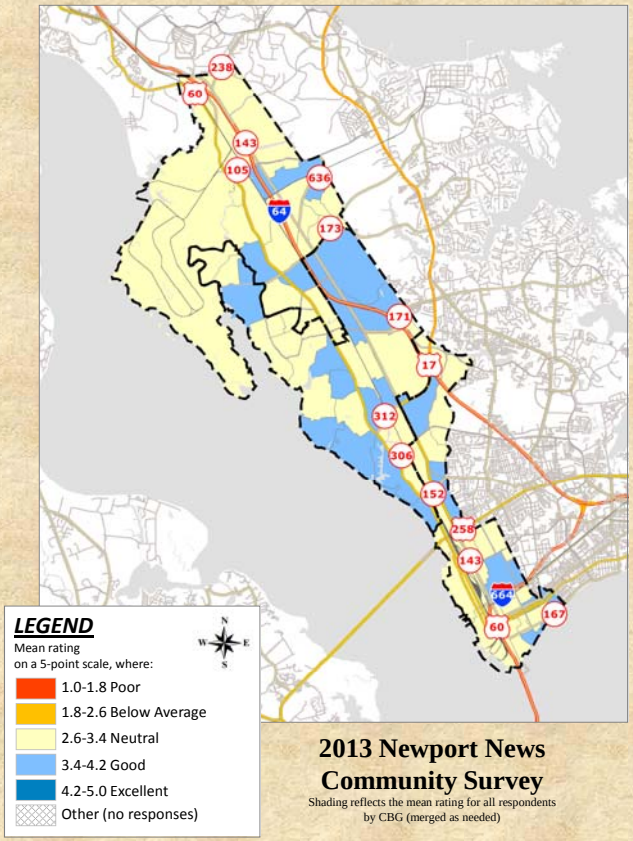
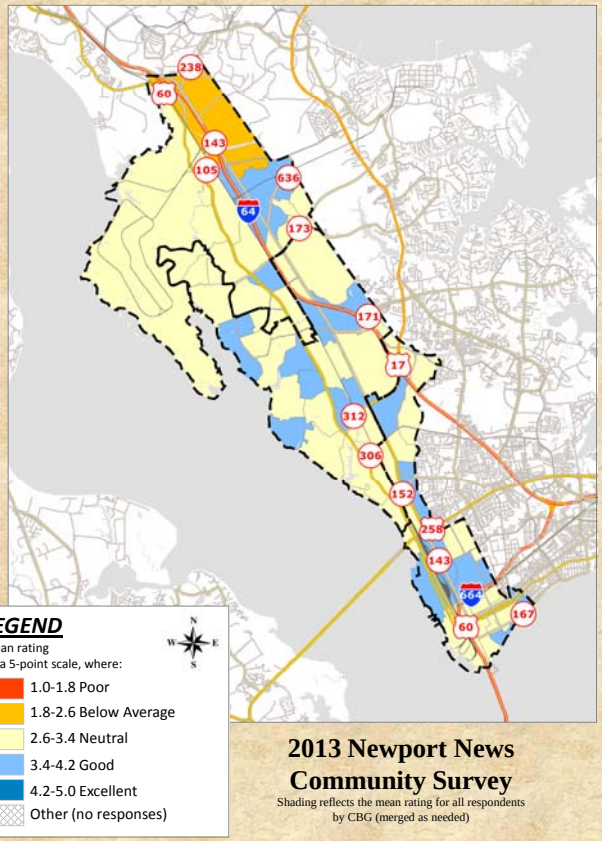
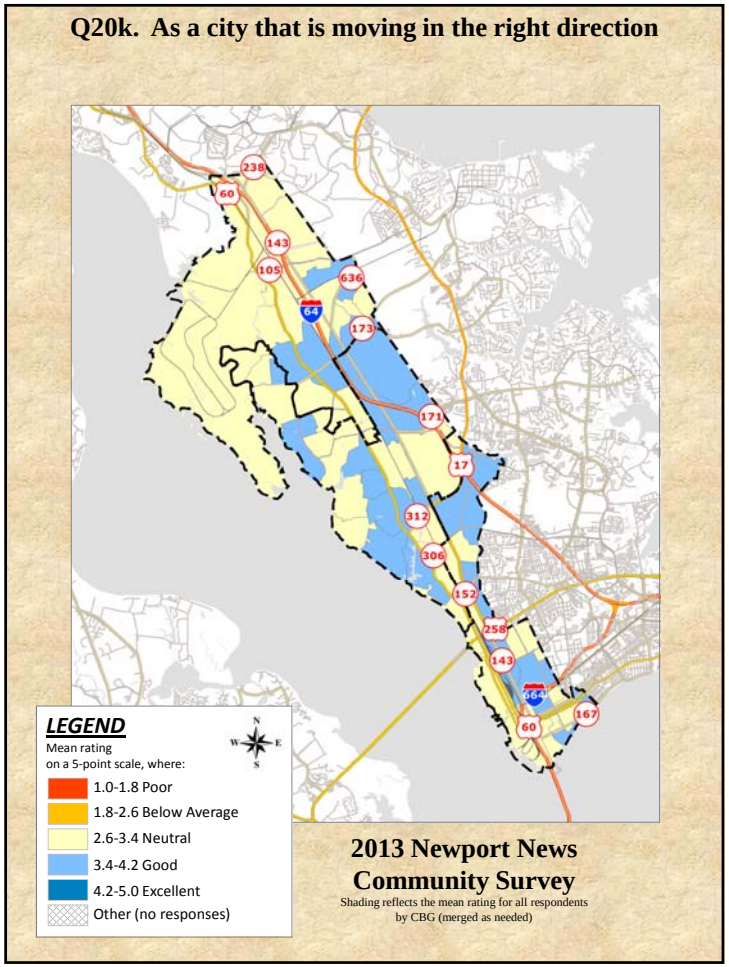
by CBG (merged as needed)

Q20i. Overall sense of community



Q20j. Overall image of the City




Q20k. As a city that is moving in the right direction
238
60
143
105
636
64
173
171
17
312
306
152
258
143
664
60
167
LEGEND
Mean rating
on a 5-point scale, where:
1.0-1.8 Poor
1.8-2.6 Below Average
2.6-3.4 Neutral
3.4-4.2 Good
4.2-5.0 Excellent
Other (no responses)
N
W
E
S
2013 Newport News
Community Survey
Shading reflects the mean rating for all respondents
by CBG (merged as needed)