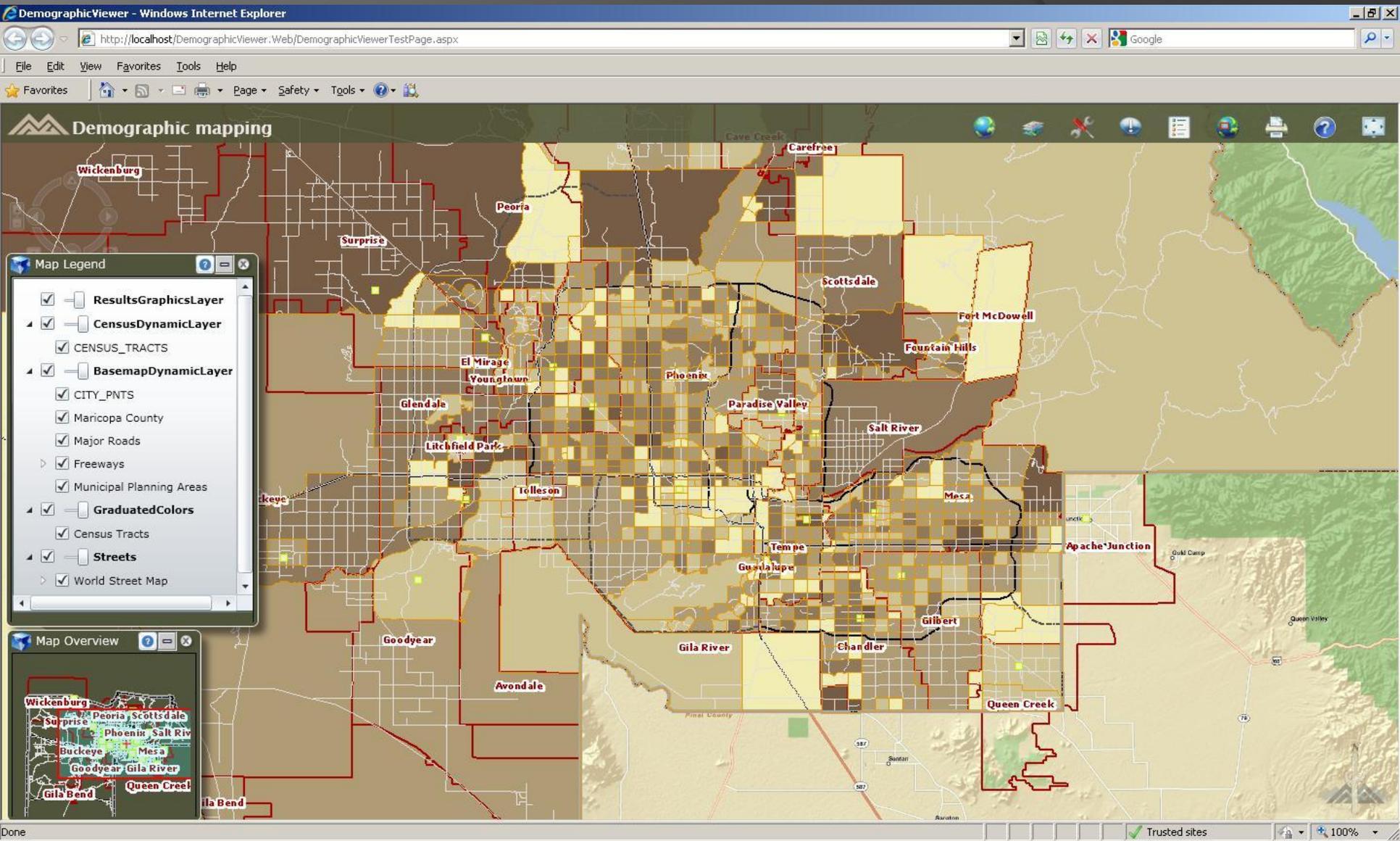


Potential Enhancements to MAG's Interactive Web Mapping

Presented to MAG POPTAC

January 25, 2010

Potential Enhancements to MAG's Interactive Web Mapping



Potential Enhancements to MAG's Interactive Web Mapping

DemographicViewer - Windows Internet Explorer

http://localhost/DemographicViewer.Web/DemographicViewerTestPage.aspx

Demographic mapping

Map Legend

- ResultsGraphicsLayer
- CensusDynamicLayer
- CENSUS_TRACTS
- BasemapDynamicLayer
- CITY_PNTS
- Maricopa County
- Major Roads
- Freeways
- Municipal Planning Areas

Map Results

Selected Features | Summary Report | Dashboard

Export Grid Results: Excel

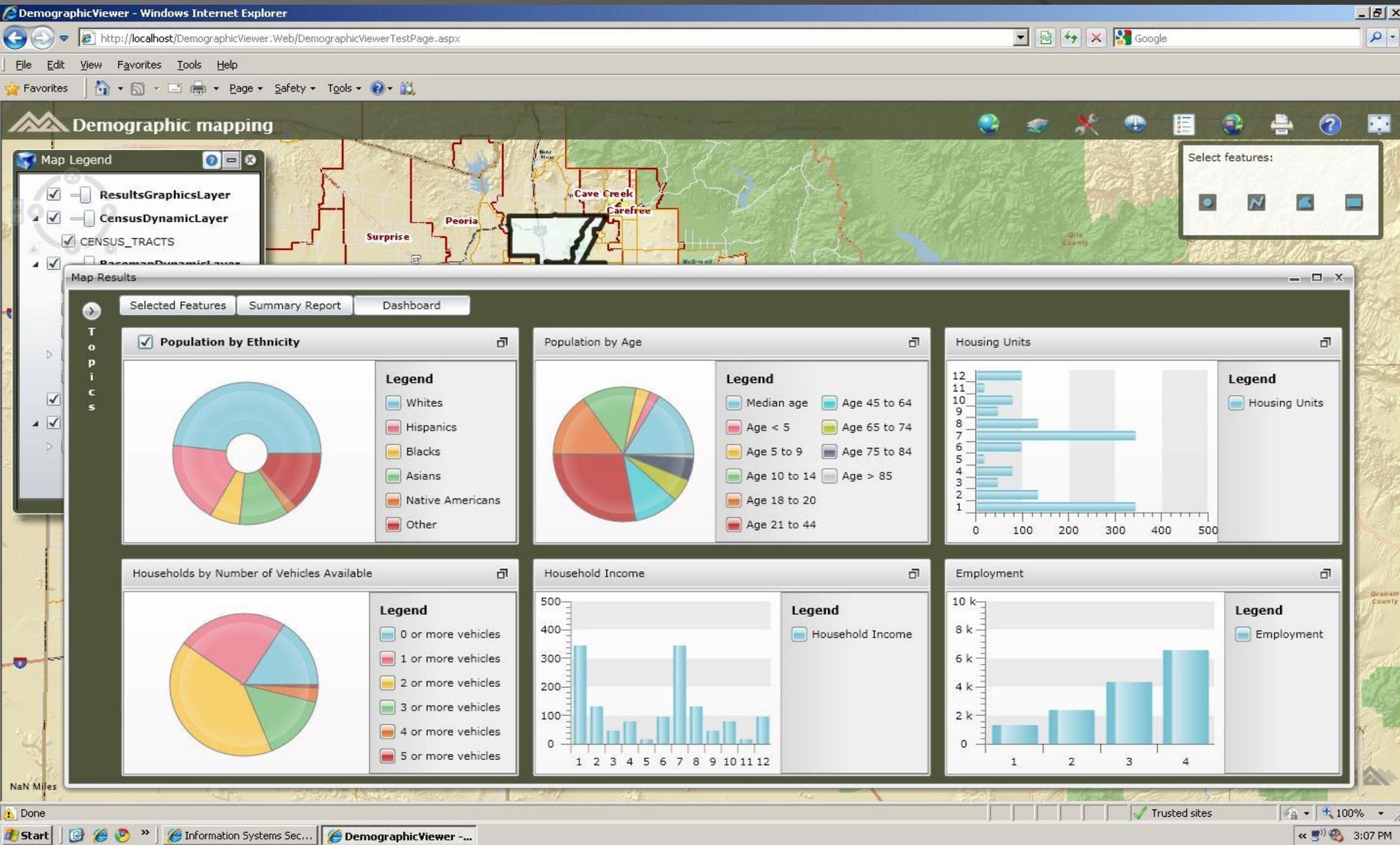
General			Population by Ethnicity							Population by Age				
Tract ID	Total population	Area (sqmi)	Whites	Hispanics	Blacks	Asians	Native Americans	Other	Median age	Age < 5	Age 5 to 9	Age 10 to 14	Age 15 to 17	Age 18 to 24
030380	3182	5.93	2602	589	87	22	40	431	30.8	290	195	159	93	158
030358	4071	6.82	3814	212	17	101	3	136	35.1	417	356	280	90	54
030319	6020	0.98	5346	661	111	66	48	449	32.1	447	540	525	293	238
030359	2553	1.04	2302	170	74	91	6	80	37	185	181	155	75	62
030330	4681	1	4063	826	53	40	45	480	32.1	349	414	342	220	197
030355	5822	1.54	5202	642	73	42	58	447	36.9	419	412	392	198	161
030307	2977	0.48	2588	484	28	61	23	277	31.9	246	237	236	153	135
030334	5364	0.99	4790	478	116	82	49	327	32.1	396	473	448	247	174
030379	3198	2.17	2816	227	74	110	27	171	32.1	290	302	204	103	87
030315	6976	1	5741	1717	142	109	142	842	32.3	585	492	433	237	301
030304	6523	0.99	5834	557	144	112	79	354	34.3	463	439	388	224	295
030342	8786	66.22	7707	1277	227	142	122	588	30.1	854	709	647	822	194

Done

Information Systems Sec... DemographicViewer -...

3:01 PM

Potential Enhancements to MAG's Interactive Web Mapping



Potential Enhancements to MAG's Interactive Web Mapping

DemographicViewer - Windows Internet Explorer

http://localhost/DemographicViewer.Web/DemographicViewerTestPage.aspx

Demographic mapping

Map Legend

- ResultsGraphicsLayer
- CensusDynamicLayer
- CENSUS_TRACTS
- BasemapDynamicLayer
- CITY_PNTS
- Maricopa County
- Major Roads
- Freeways
- Municipal Planning Areas
- GraduatedColors
- Streets
- World Street Map

Select features:

Map Results

Selected Features | Summary Report | Dashboard

TOPICS

Population by Age

Age Group	Count
Age 18 to 20	216
Age 45 to 64	~150
Age 21 to 44	~100
Age 65 to 74	~50
Age 75 to 84	~30
Age > 85	~20
Age 5 to 9	~10
Age 10 to 14	~10
Age < 5	~10

Legend

- Median age
- Age < 5
- Age 5 to 9
- Age 10 to 14
- Age 18 to 20
- Age 21 to 44
- Age 45 to 64
- Age 65 to 74
- Age 75 to 84
- Age > 85

Population by Ethnicity

Housing Units

Legend

- Housing Units

Done

Trusted sites

100%

3:06 PM

Potential Enhancements to MAG's Interactive Web Mapping

The screenshot displays a web browser window titled "DemographicViewer - Windows Internet Explorer" with the URL "http://localhost/DemographicViewer.Web/DemographicViewerTestPage.aspx". The application interface includes a "Map Legend" on the left with the following layers checked: ResultsGraphicsLayer, CensusDynamicLayer, CENSUS_TRACTS, BasemapDynamicLayer, CITY_PNTS, Maricopa County, Major Roads, Freeways, and Municipal Planning Areas. The map shows a highlighted area in Phoenix, AZ, with labels for various cities and parks. A "Select features:" box is visible on the right side of the map. Below the map, there are tabs for "Selected Features", "Summary Report", and "Dashboard". The "Selected Features" tab is active, showing a horizontal bar chart titled "Housing Units" with a y-axis ranging from 6 to 12. A tooltip for the bar at level 7 indicates "Mobile home units: 344". To the right of the chart is a "Legend" for "Housing Units" with a blue square. Further right, there are two donut charts: "Population by Ethnicity" and "Population by Age". The "Population by Age" chart has a legend with categories: Median age, Age < 5, Age 5 to 9, Age 10 to 14, Age 18, Age 21, Age 45, and Age 65. The Windows taskbar at the bottom shows the Start button, several open applications, and the system clock at 3:04 PM.

Potential Enhancements to MAG's Interactive Web Mapping

DemographicViewer - Windows Internet Explorer

http://localhost/DemographicViewer.Web/DemographicViewerTestPage.aspx

File Edit View Favorites Tools Help

Demographic mapping

Map Legend

- ResultsGraphicsLayer
- CensusDynamicLayer
- CENSUS_TRACTS
- BasemapDynamicLayer
- CITY_PNTS
- Maricopa County
- Major Roads
- Freeways
- Municipal Planning Areas
- GraduatedColor
- Streets
- World Street Map

Select features:

Map Results

Topics/Categories:

- General
 - General
- Population
 - Population by Ethnicity
 - Population by Age
- Households and housing
 - Housing Units
 - Households by Number
 - Household Income
- Employment
 - Employment
- Population

Selected Features Summary Report Dashboard

Export Grid Results: Excel

Tract ID	Total population	Area (sqmi)	Whites	Hispanics	Blacks	Asians	Native Americans
030380	3182	5.93	2602	589	87	22	
030358	4071	6.82	3814	212	17	101	3
030319	6020	0.98	5346	661	111	66	48
030359	2553	1.04	2302	170	74	91	6
030330	4681	1	4063	826	53	40	45
030355	5822	1.54	5202	642	73	42	58
030307	2977	0.48	2588	484	28	61	23
030334	5364	0.99	4790	478	116	82	49
030379	3198	2.17	2816	227	74	110	27

Excel
ExcelML
Word
Csv

Done

Information Systems Sec... DemographicViewer ...

3:09 PM

Potential Enhancements to MAG's Interactive Web Mapping

⦿ Timeline

- December 2010 – February 2011
 - Site development
- Late-February 2011
 - Beta site released for review and testing