

Urban Planning in the Age of Sprawl
Thoughts on the Past and Future of
American Metropolitan Growth

**Montgomery County
Growth Management Speaker Series**

May 24, 2007

Washington, D.C. region, population density of census tracts, 2000

This map illustrates the population density of census tracts in the Washington, D.C. region in the year 2000. The density is represented by a color gradient, with yellow indicating lower density and dark blue indicating higher density. The map shows a high concentration of population in the central urban core, particularly around Washington D.C., Arlington, and Silver Spring. The density decreases as one moves away from the center, with some pockets of higher density in the surrounding suburbs. Major water bodies, including the Potomac River and Chesapeake Bay, are shown in dark blue. The map also includes labels for numerous cities and towns, as well as major highways and airports.



Gaithersburg, 1914

SINGLE TRIP, EXCURSION AND COMMUTATION RATES.

FROM
WASHINGTON
TO

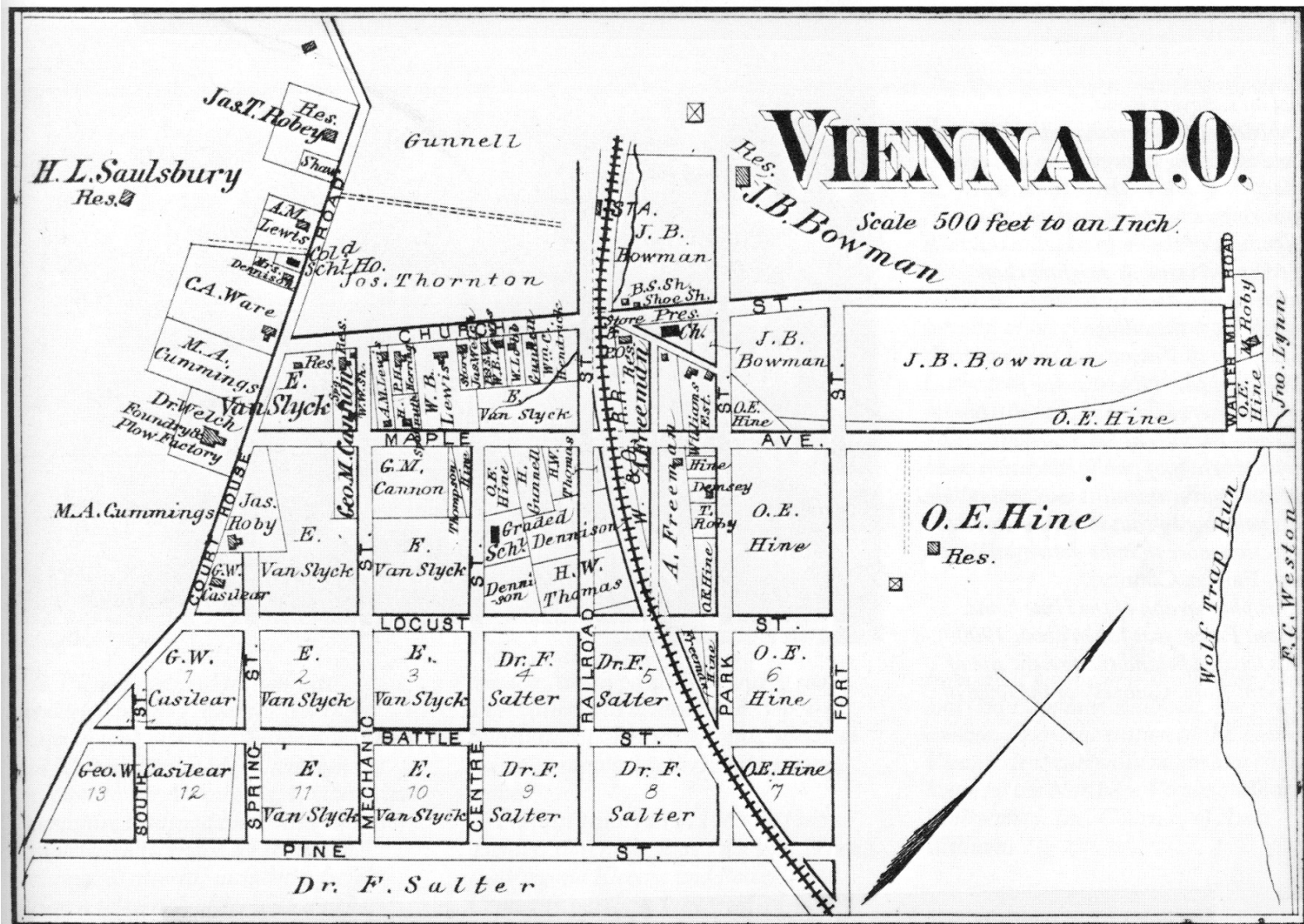
FROM WASHINGTON TO	Single Trip	Excursion	Monthly	Season	Admission	Spinal
Brooks	2.40	2.40	6.00	4.00		
Terra Cotta	2.40	2.40	6.00	4.00		
Stotts	2.40	2.40	6.00	4.00		
Lanoma	2.40	2.40	6.00	4.00		
Takoma	2.40	2.40	6.00	4.00		
Silver Spring	2.40	2.40	6.00	4.00		
Farmersville	2.40	2.40	6.00	4.00		
Linden Glen	2.40	2.40	6.00	4.00		
Forest Glen	2.40	2.40	6.00	4.00		
Knowles	2.40	2.40	6.00	4.00		
Windolph	2.40	2.40	6.00	4.00		
Randolph	2.40	2.40	6.00	4.00		
Halpinville	2.40	2.40	6.00	4.00		
Rockwood	2.40	2.40	6.00	4.00		
Washington Grove	2.40	2.40	6.00	4.00		
Ward	2.40	2.40	6.00	4.00		
Clippers	2.40	2.40	6.00	4.00		
Waring	2.40	2.40	6.00	4.00		
Germantown	2.40	2.40	6.00	4.00		
Boys Lodge	2.40	2.40	6.00	4.00		
Barnesville	2.40	2.40	6.00	4.00		
Dickerson	2.40	2.40	6.00	4.00		
Tuscarora	2.40	2.40	6.00	4.00		
Sugar	2.40	2.40	6.00	4.00		
Ward	2.40	2.40	6.00	4.00		

RICK, HAGERSTOWN

7	39	755	735	739
Daily	Exc Sun	Sun Only	Sun Only	Sun Only
PM	PM	AM	NOON	PM
7:27	---	7:50	12:35	8:05
7:32	---	8:00	12:40	8:10
	---	8:55	1:35	9:05
7:47	11:20	9:20	1:50	10:30
	11:25	9:27	1:57	10:35
	11:30	F 9:31	F 1:59	10:40
	11:31	F 9:33	F 2:01	10:45
	11:34	F 9:38	F 2:06	10:50
	11:35	F 9:40	F 2:08	10:55
	11:38	F 9:43	F 2:11	11:00
	11:41	F 9:46	F 2:14	11:05
	11:43	F 9:48	F 2:16	11:10
	11:44	F 9:49	F 2:17	11:15
	11:45	F 9:50	F 2:18	11:20
	11:46	F 9:51	F 2:19	11:25
	11:47	F 9:52	F 2:20	11:30
	11:48	F 9:53	F 2:21	11:35
	11:49	F 9:54	F 2:22	11:40
	11:50	F 9:55	F 2:23	11:45
	11:51	F 9:56	F 2:24	11:50
	11:52	F 9:57	F 2:25	11:55
	11:53	F 9:58	F 2:26	12:00
	11:54	F 9:59	F 2:27	12:05
	11:55	F 10:00	F 2:28	12:10
	11:56	F 10:01	F 2:29	12:15
	11:57	F 10:02	F 2:30	12:20
	11:58	F 10:03	F 2:31	12:25
	11:59	F 10:04	F 2:32	12:30
	12:00	F 10:05	F 2:33	12:35
	12:01	F 10:06	F 2:34	12:40
	12:02	F 10:07	F 2:35	12:45
	12:03	F 10:08	F 2:36	12:50
	12:04	F 10:09	F 2:37	12:55
	12:05	F 10:10	F 2:38	1:00
	12:06	F 10:11	F 2:39	1:05
	12:07	F 10:12	F 2:40	1:10
	12:08	F 10:13	F 2:41	1:15
	12:09	F 10:14	F 2:42	1:20
	12:10	F 10:15	F 2:43	1:25
	12:11	F 10:16	F 2:44	1:30
	12:12	F 10:17	F 2:45	1:35
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	12:18	F 10:23	F 2:51	2:05
	12:19	F 10:24	F 2:52	2:10
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	15:34	F 13:39	F 6:07	6:25
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	15:45	F 13:50	F 6:18	7:20
	15:46	F 13:51	F 6:1	

Res. **VIEN**
J.B. Bowman Scale 5

Res. **VIEN**
J.B. Bowman Scale 5





EXPLANATION: 1 Water Tower 2 Disposal Plant and Incinerator 3 Picnic Center and Lake 4 Community Center 5 Store Group 6 Rural Homesteads 7 Allotment Gardens

Plan for Greenbelt, Maryland, c. 1935

DESIGN II.
A COTTAGE IN THE ENGLISH OR RURAL GOTHIC STYLE.



Fig. 9.

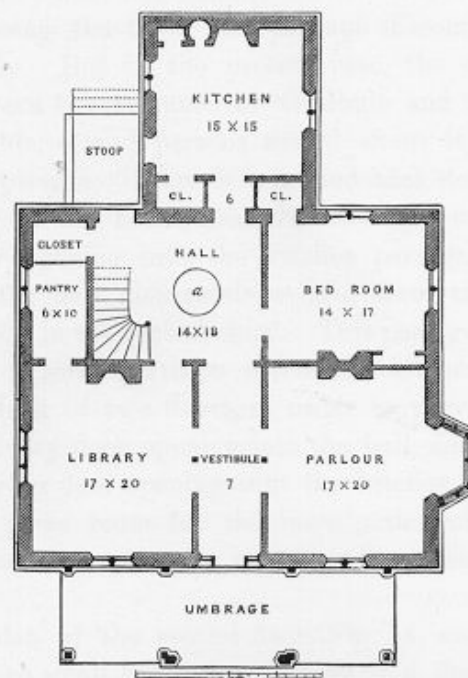
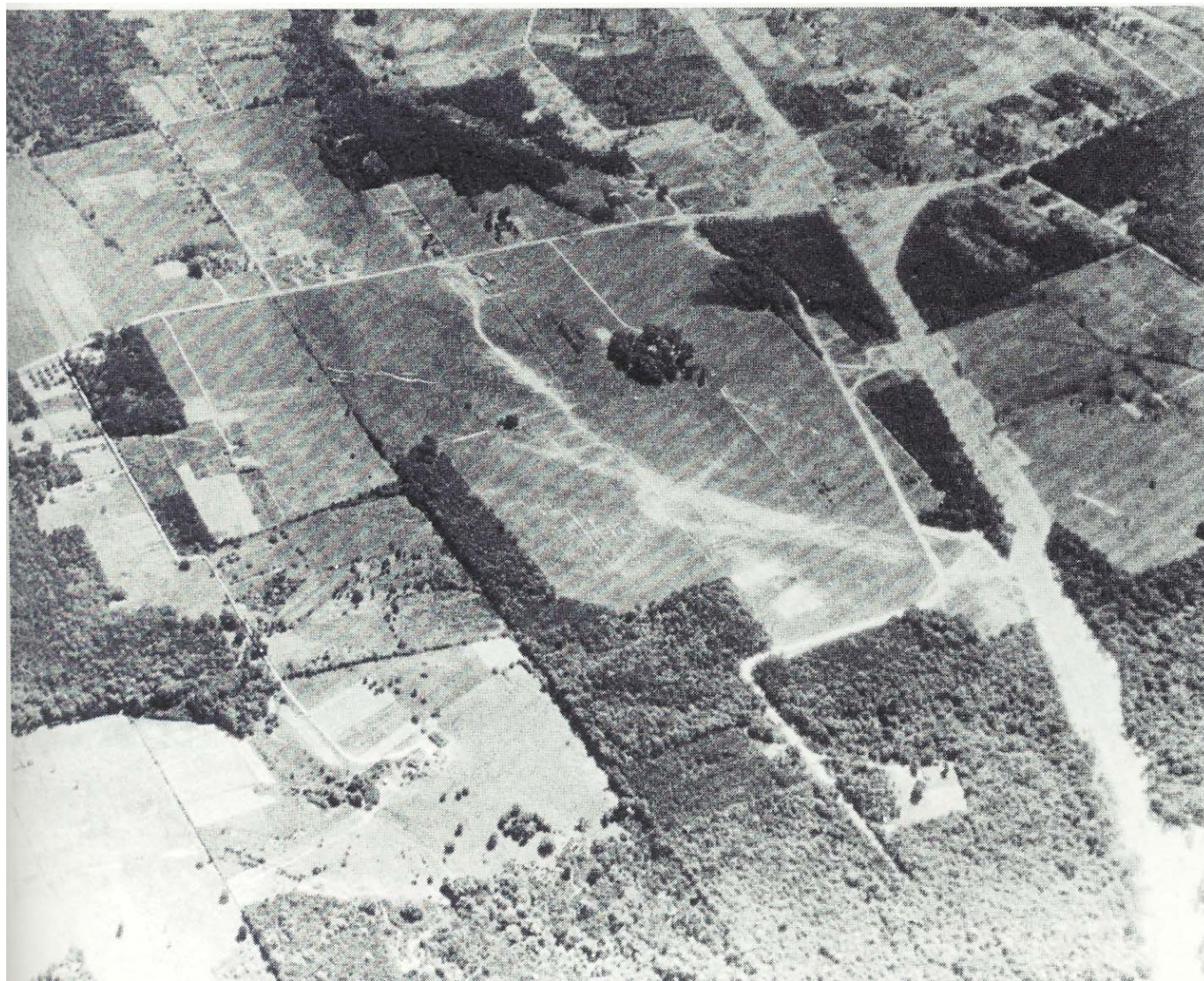


Fig. 10.





Aerial view, Springfield, Fairfax County, 1950

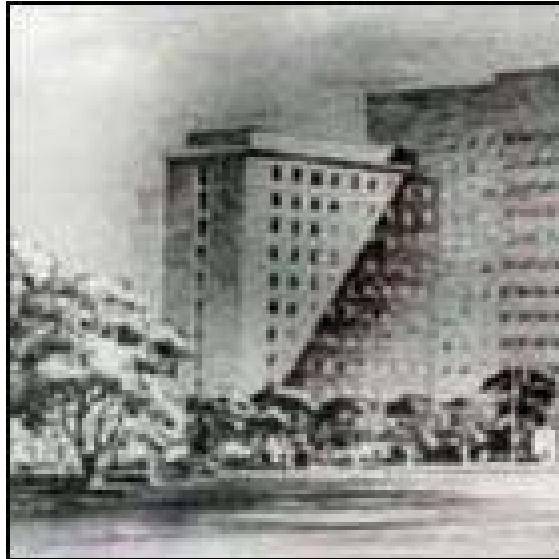


The Washington Post

LOUDOUN NEWS BUREAU



Aerial view, Springfield, Fairfax County, 1981



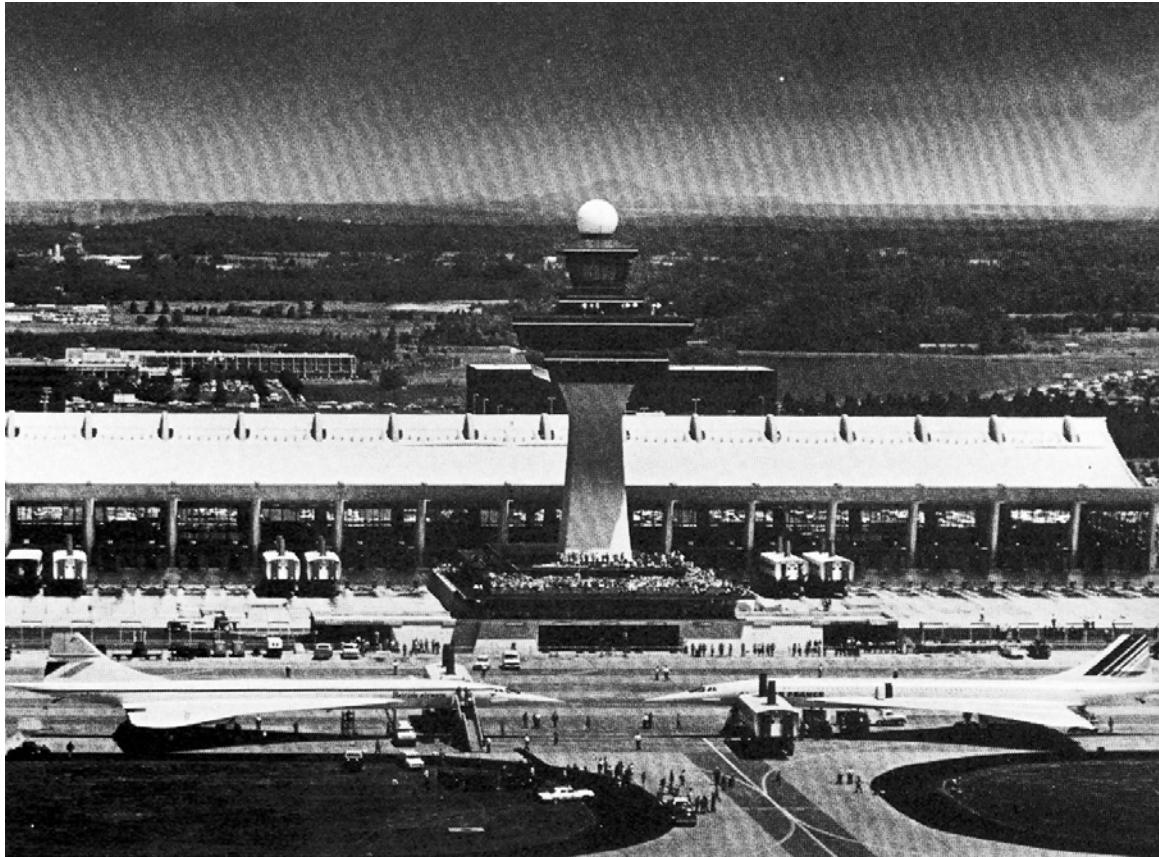
Artist's 1948 sketch for the NIH Clinical Center, Bethesda, Maryland



The National Archives Building in College Park, Maryland



Beltway (I-495) near Tyson's Corner



Dulles International Airport

Population of Washington, D.C. Region Jurisdictions						
Jurisdictions	1950	1960	1970	1980	1990	2000
Anne Arundel Co., MD	117,392	206,634	297,539	370,775	427,239	489,656
Frederick Co., MD	62,287	71,930	84,927	114,792	150,208	195,277
Howard Co., MD	23,119	36,152	61,911	118,572	187,328	247,842
Montgomery Co., MD	164,401	340,928	522,809	579,053	757,027	873,341
Prince George's Co., MD	194,182	357,395	660,567	665,071	729,268	801,515
Arlington Co., VA	135,449	163,401	174,284	152,599	170,897	189,453
Fairfax Co., VA	98,557	275,002	455,021	596,901	818,358	969,749
Loudoun Co., VA	21,147	24,549	37,150	57,427	86,129	169,599
Prince William Co., VA	22,612	50,164	111,102	144,703	215,677	280,813
City of Alexandria, VA	61,787	91,023	110,938	103,217	111,182	128,283
District of Columbia	802,178	763,956	756,510	638,333	606,900	572,069
Total population	1,703,111	2,381,134	3,272,758	3,541,443	4,260,213	4,917,597

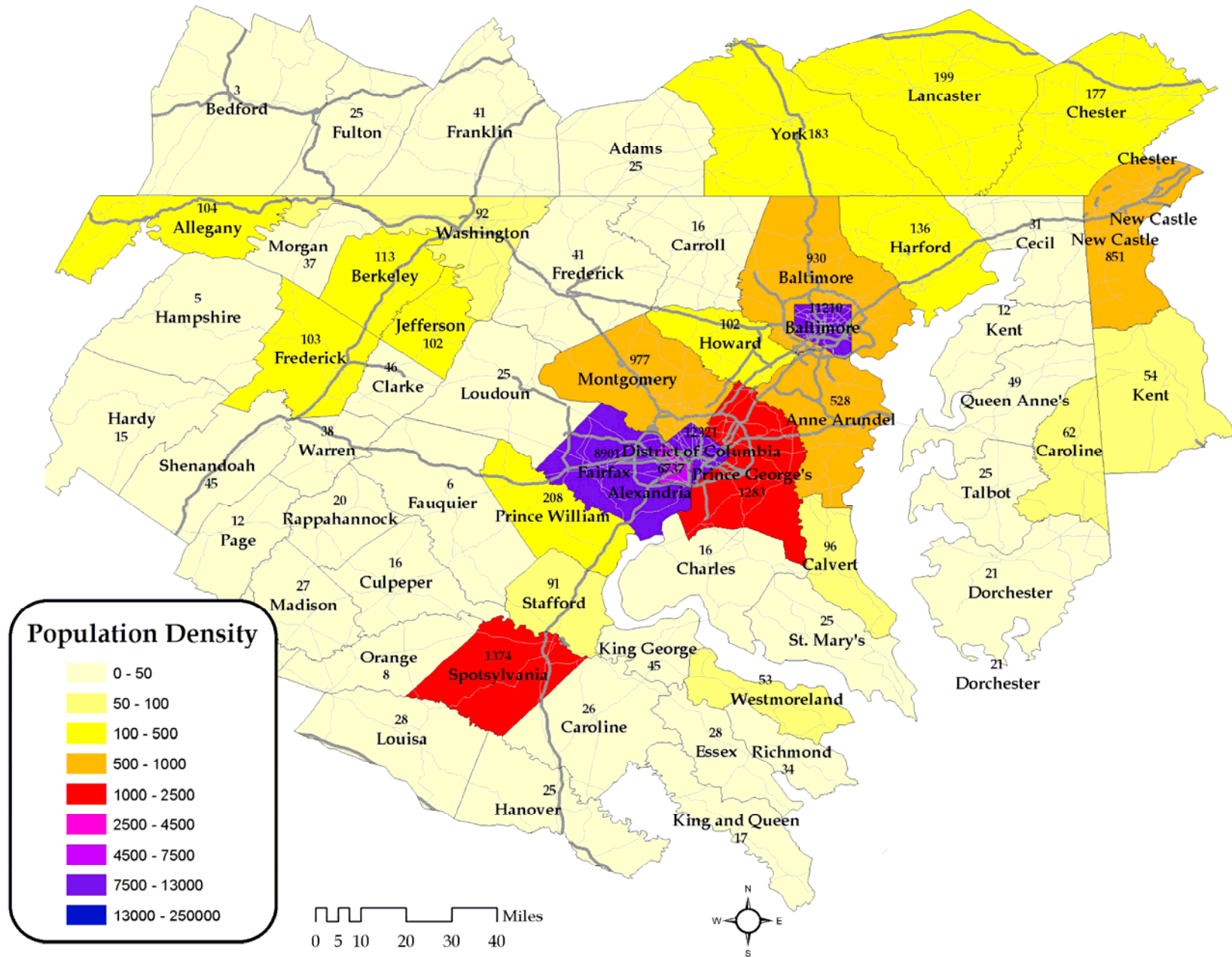
Source: U.S. Bureau of the Census PL94-171; Montgomery Co. Dept. of Park and Planning, Research and Technology Center

Percentage of CMSA Population in Bands, 1970, 1980, 1990, and 2000

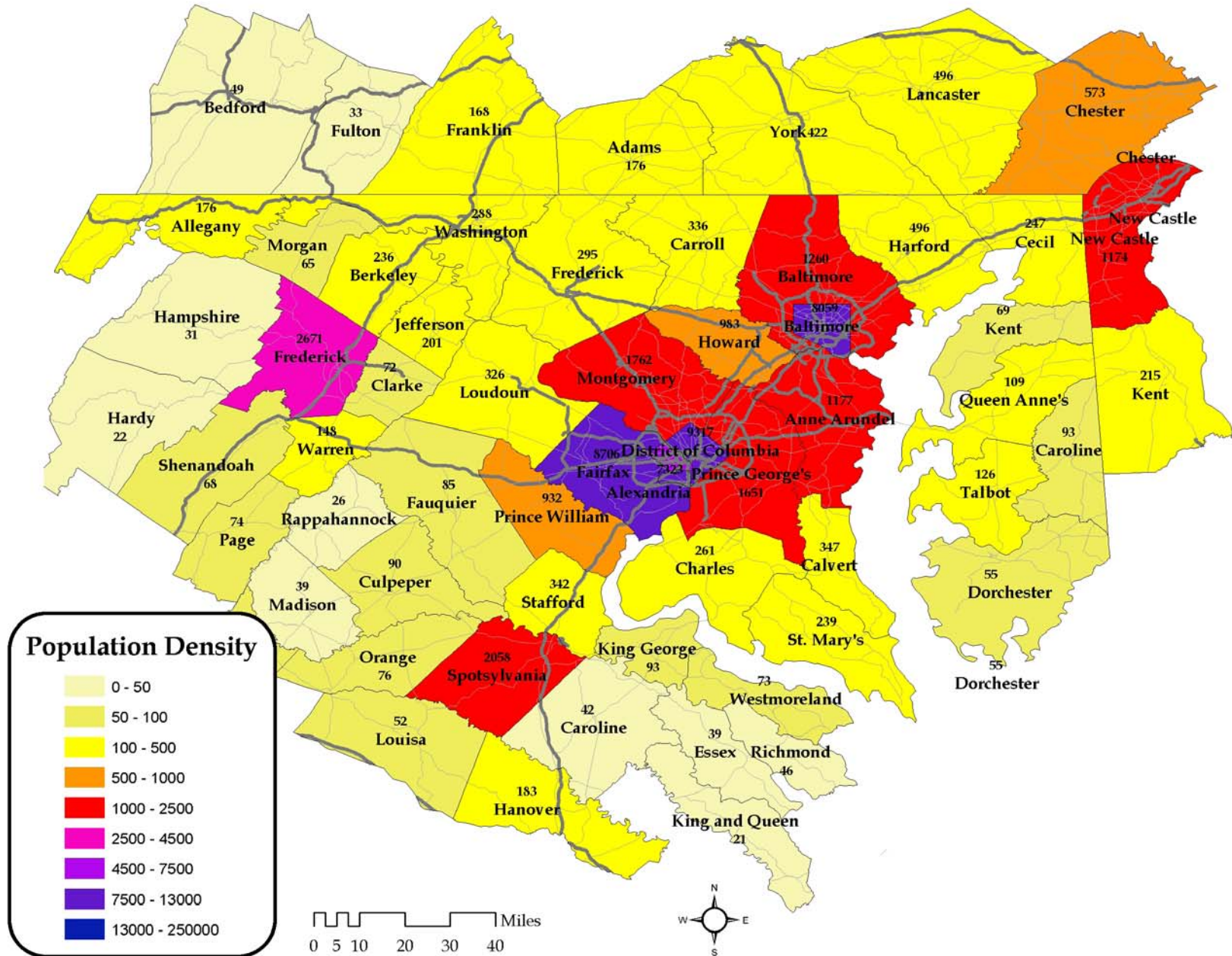
Washington CMSA	1970	1980	1990	2000
0 – 10 miles	64.1	50.6	40.2	35.6
10 - 30 miles	29.2	38.0	42.6	45.4
Greater than 30 miles	6.4	11.1	16.8	18.6

The figures for the Washington, D.C. CMSA omit all data from the Baltimore PMSA

Washington, D.C. Region - 1970 Population density

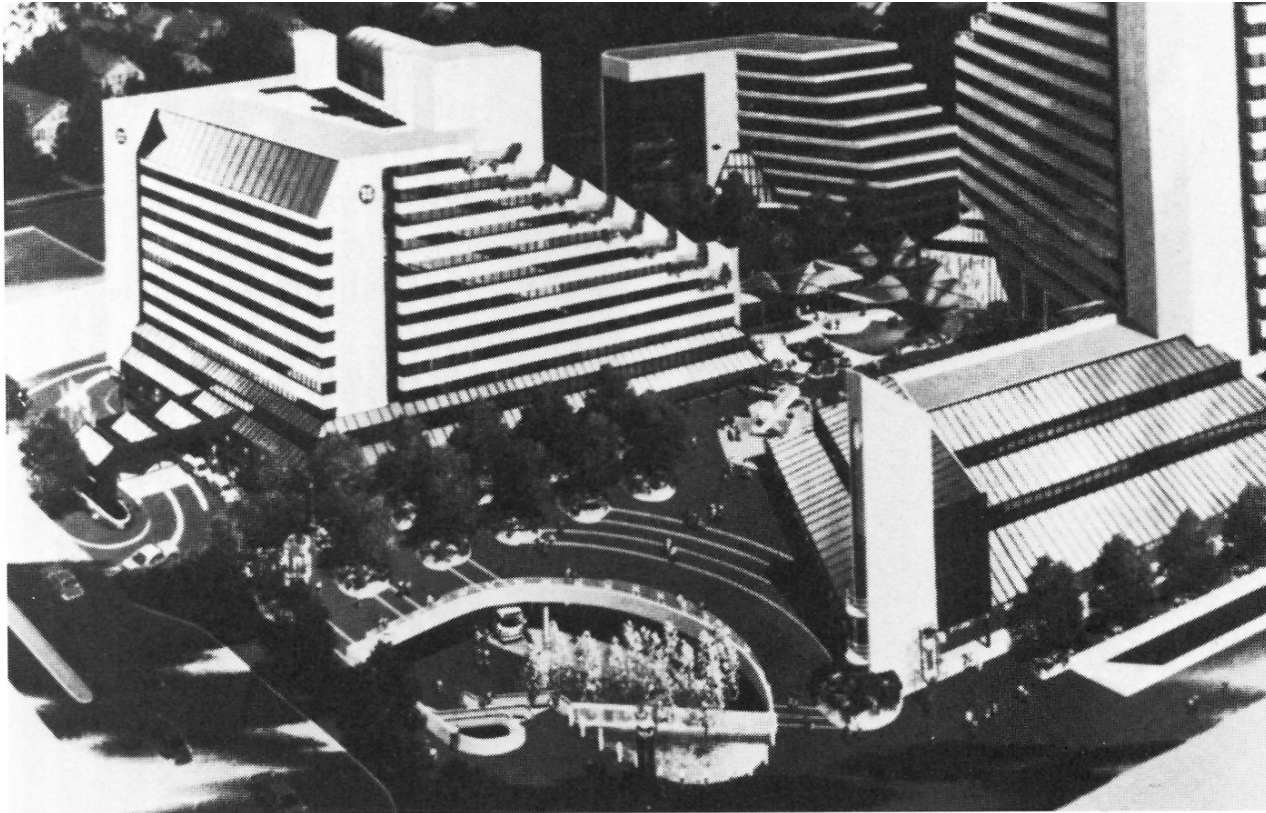


Washington, D.C. Region - 2000 Population density





Farmlands, Montgomery County



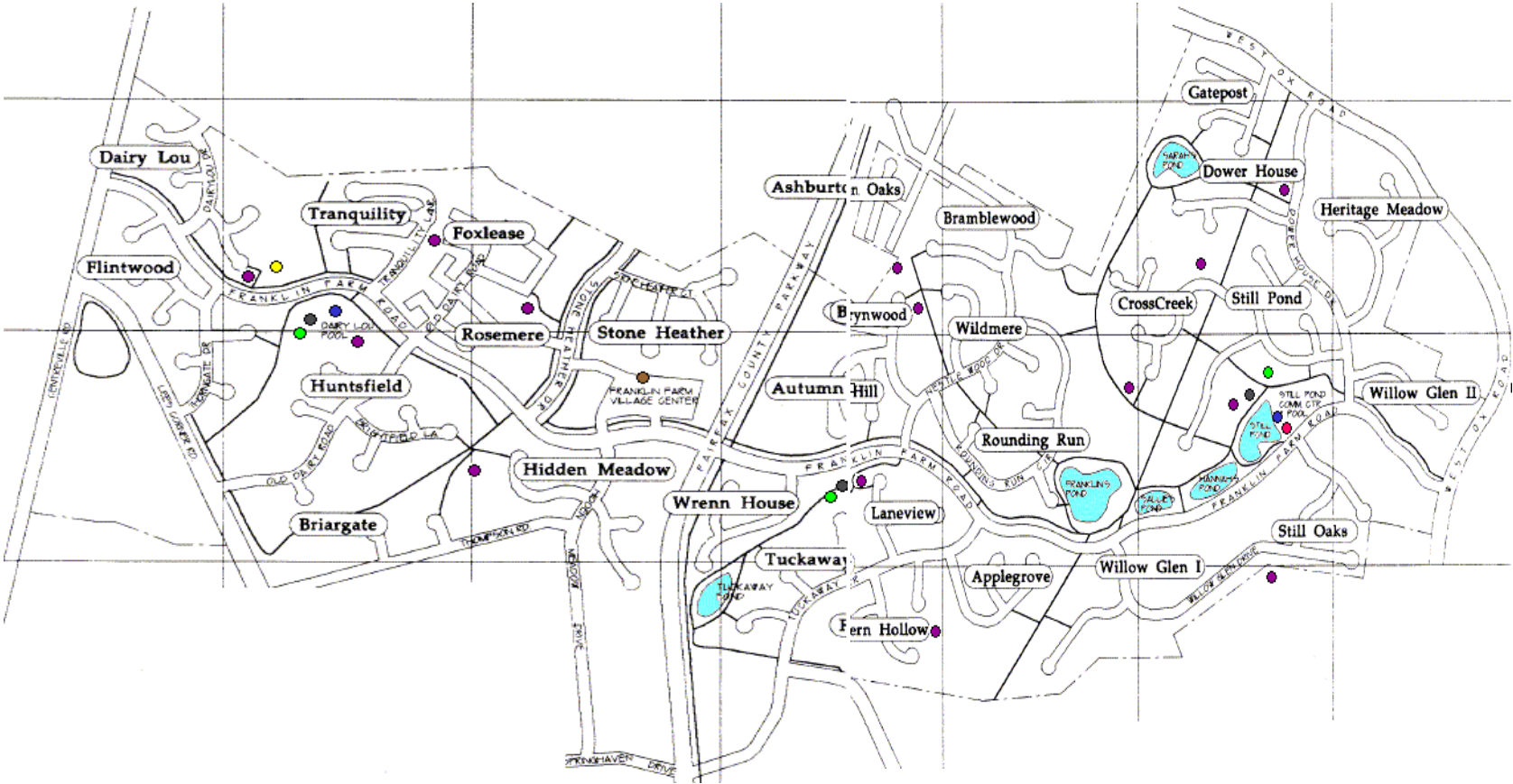
Plan for Bethesda Metro Center



Tysons Corner, 1935



Aerial view, Tysons Corner, 1985



Franklin Farm Community Map



Aerial view, Leesburg, Loudon County, 1987

Population of Washington, D.C. Region Jurisdictions						
Jurisdictions	1950	1960	1970	1980	1990	2000
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Arlington Co., VA	135,449	163,401	174,284	152,599	170,897	189,453
Fairfax Co., VA	98,557	275,002	455,021	596,901	818,358	969,749
Loudoun Co., VA	21,147	24,549	37,150	57,427	86,129	169,599
Prince William Co., VA	22,612	50,164	111,102	144,703	215,677	280,813
City of Alexandria, VA	61,787	91,023	110,938	103,217	111,182	128,283
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Total population	1,703,111	2,381,134	3,272,758	3,541,443	4,260,213	4,917,597

Source: U.S. Bureau of the Census PL94-171; Montgomery Co. Dept. of Park and Planning, Research and Technology Center

Washington, D.C. region, population density of census tracts, 1970

(People per square mile)

13,000+
7,500 - 13,000
5,000 - 7,500
3,750 - 5,000
2,500 - 3,750
1,000 - 2,500
500 - 1,000
100 - 500
50 - 100
0 - 50

Washington, D.C. region, population density of census tracts, 2000

This map illustrates the population density of census tracts in the Washington, D.C. region in the year 2000. The density is represented by a color gradient: yellow for low density, orange for medium density, and dark blue for high density. The highest concentrations of population are found in the central urban core, particularly around Washington D.C., Arlington, and Silver Spring. The map also shows major transportation routes, including highways and the Potomac River, as well as the locations of major airports like Ronald Reagan Washington National Airport and Baltimore-Washington International Airport. Surrounding areas like Frederick, Baltimore, and Annapolis are also labeled, showing varying levels of population density.

(People per square mile)





Luxury town homes in down town Purcellville. Copyright 2007 Lenn Harley



Homes in Wright Farm, a 21st Century community in Purcellville, Virginia. Luxury homes on estate lots. Copyright 2007 Lenn Harley



Western Loudoun County homes in Lovettsville and Purcellville