

# New York State GIS Conference

11/14/2000

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# New York State GIS Conference

## Census 2000

Robert Scardamalia  
Empire State Development



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# Census 2000

- Address List Review - Program, Results, Implications
- Census Data Access
- Census Products and Release Schedule



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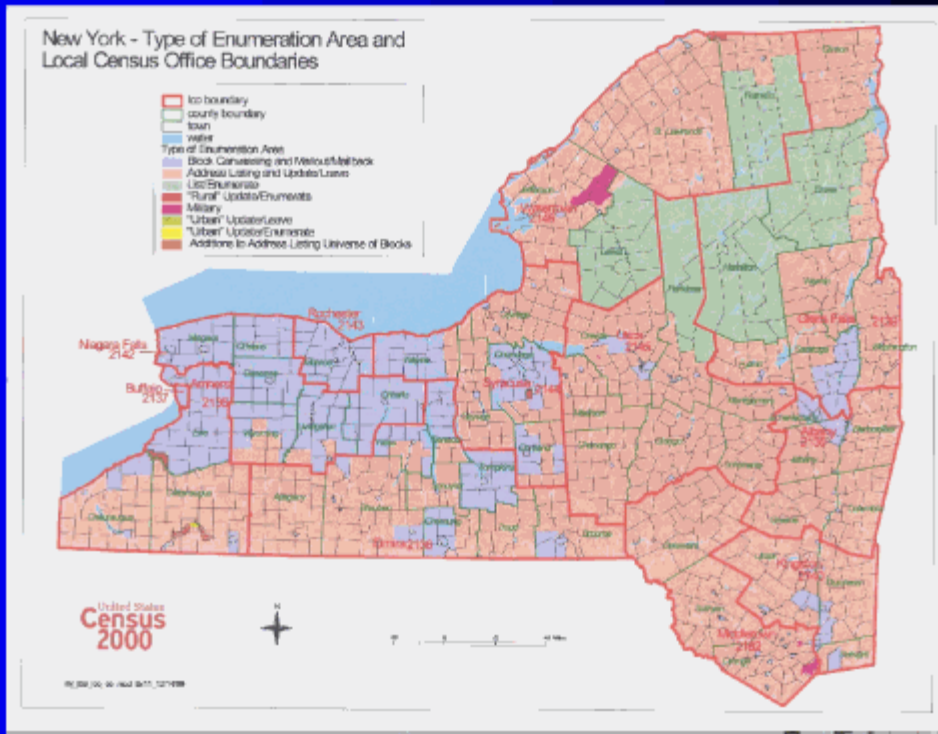
# Address Review Program: In the Beginning

- Most of New York response is by mail:
  - MailOut/MailBack or Update/Leave
- Requires Master Address File (MAF)
  - Every address on MAF WILL be enumerated
  - Build on 1990 file
  - Precensus field updates
  - Address Review Program



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# Type of Enumeration



# Address Review Program: Participation Levels

- New York State Participation Levels
  - City Style addresses - 54%
  - Non City-Style addresses - 42%
  - Address Corrections - 1.5 million (20.7%)
  - Addresses Added - 534,000 (7.3%)
  - New York City (1.35 million, 439,000)



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## Evaluation of the Initial MAF by the Dept. of City Planning

- NYC Housing Stock: 3+ million units in 780,000 buildings
- Compare MAF and DCP housing unit counts at the building level
- Compare buildings by type
  - High-density (20+ units)
  - Middle-density (7-19 units)
  - Low-density (1-6 units)
- Field check MAF and DCP counts



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# New York City Address Sources

- Bell Atlantic “Living Units”
- Con Edison Residential Electric Accounts
- NYC Finance Real Property Assessment Division Files
- NYC Housing, Preservation and Development (HPD) Multiple Dwelling File
- NYC Department of Buildings File
- NYC Department of City Planning Facilities File
- NYC Geo-support System (LION)
- Sanborn Inventory of Vacant Structures



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*planner for the district  
Nestor Dampale*

BROKER SAMPLE TO BE FIELD-CHECKED										FIELD OBSERVATIONS							
#	lot	lot	hours	hours	of	Count	Count	app	DP	DP	DP	LUCA	DP	#	#	#	OTHER COMMENTS
#	unit	block	lot	number	address	of	Count	Count	app	DP	DP	LUCA	DP	multi	entr.	door	(conversions, add-on, etc.)
1	0258	4720	0000	0000	TIEMANN AVENUE	1	2	2	2	0	B1	2	1	0			2 ENTRANCES - LOWER LEVEL - 2 <sup>nd</sup> APT 2 DU'S
2	0258	4730	0000	0000	GUNTHER AVENUE	1	2	1	1	0	A5	2	1	0			2 ENTRANCES - COVERED GARAGE - 2 DU'S
3	0308	4742	0000	0000	FENTON AVENUE	1	3	1	1	0	A5	3	1	0			one hill - finished basement - at least 1/2
4	0350	4747	0000	0000	CORSA AVENUE	1	8	6	0	0	K1	0	2	0			WALSH COMMERCIAL BLDG - 4 POST OFFICE - NO RESIDENTIAL (SQUARE) RECORDED APPT
5	0350	4749	0000	0000	CORSA AVENUE	1	4	1	2	0	B2	4	1	0			COVERED GARAGE - 2 DU'S
6	0358	4743	0000	0000	KATCHESTER ROAD	1	3	2	2	0	B2	3	1	0			2 DOORS - 1 DOORBELL - one double phone lines
7	0358	4745	0000	0000	KATCHESTER ROAD	1	3	2	2	0	B1	3	1	0			Small hill - 2 doors (?)
8	0358	4745	0000	0000	BURKE AVENUE	1	3	2	2	0	B1	3	2	0			2 doors - 1 doorbell looks like a 2 PAN
9	0350	4748	0000	0000	CORSA AVENUE	1	2	1	1	0	A5	2	1	0			2 PAN - 1 W.C. - one doorbell - finished basement (?)
10	0350	4747	0000	0000	KATCHESTER ROAD	1	3	2	2	0	B2	3	1	0			2 doorbells - 1 entrance; 3 mailboxes - many wires (all over)
11	0358	4748	0000	0000	NIDDLE AVENUE	1	3	1	1	0	A1	3	1	0			RESTROOM NOT OCCUPIED ONE DOORBELL - ENTRANCE - ABOUT 3 PAN LINES LOOK LIKE 2 DU'S w/ MANY WIRES ??
12	0358	4748	0000	0000	NIDDLE AVENUE	1	2	2	2	0	B1	2	1	0			2 METERS - 2 DOORS (C. DOORBELL + SIDE ENTRANCE)
13	0358	4730	0000	0000	GUNTHER AVENUE	1	2	1	1	0	A5	2	1	0			COVERED GARAGE - 2 ENTRIES
14	0358	4750	0000	0000	TIEMANN AVENUE	1	2	1	1	0	A5	2	1	0			2 ENTRIES "FOR SALE" LOWER LEVEL EXTREME EROSION BY TRAFFIC
15	0350	4761	0000	0000	FOX TERRACE	1	2	1	1	0	A2	2	1	0			2 ENTRANCES + PHONE LINES
16	0350	4762	0000	0000	KATCHESTER ROAD	1	3	2	2	0	B1	3	1	0			4 DOORWAYS - 2 METERS
17	0358	4768	0000	0000	HAMMERSLEY AVENUE	1	2	2	2	0	B1	2	1	0			2 DOORWAYS - ONE MAILBOX - 2 PHONES
18	0358	4768	0000	0000	HINGGLAND AVENUE	1	3	1	1	0	A2	3	2	0			3 PHONE LINES - 3 ENTRIES
19	0358	4774	0000	0000	HAMMERSLEY AVENUE	1	3	2	3	0	C3	3	1	0			3 DOORBELL + METERS
20	0358	4774	0000	0000	GUNTHER AVENUE	1	3	2	2	0	B1	3	1	0			3 or 4 DOORBELLS



# DCP "Adds"

	Total NYC	Manhattan	Four Boroughs	Bronx	Brooklyn	Queens	Staten Island
Total Adds Submitted	439,069	69,772	369,297	58,310	126,127	161,027	23,833
As a Percent Of 1998 DCP Housing Units	13.1	8.4	14.6	11.4	12.9	18.6	14.2



## DCP "Adds" Accepted After Block Canvas, Reconciliation and Appeal

	Total NYC	Manhattan	Four Boroughs	Bronx	Brooklyn	Queens	Staten Island
Total Adds Submitted	439,069	69,772	369,297	58,310	126,127	161,027	23,833
After Block Canvassing and Reconciliation:							
Number	284,288	36,523	247,765	30,716	80,968	121,409	14,672
Percent	64.7	52.3	67.1	52.7	64.2	75.4	61.6
Appealed Adds:							
Number	85,620	2,906	82,714	14,530	30,065	31,440	6,679
Percent	19.5	4.2	22.4	24.9	23.8	19.5	28.0
After Block Canvassing, Reconciliation & Appeal:							
Number	369,908	39,429	330,479	45,246	111,033	152,849	21,351
Percent	84.2	56.5	89.5	77.6	88.0	94.9	89.6



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## What we Learned: Issues Arising From MAF Evaluation

- Local Participation leaves a lot to be desired
  - Census Bureau participation procedures
  - Interest of local governments
  - Local government data/burden
- Bureau procedures to identify housing units
  - Utility of verbal verification
  - Apartment numbers and single mailbox problem
  - Lack of incentives to look during block canvassing
- USPS Needs versus Census Bureau Needs



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# GIS Implications

- How we look at address data
  - Evaluate needs - mailing vs. physical location
  - How to apply knowledge to improve addressing
- Integration of USPS/Census/E911/Address standards
- Impact of phone and utility deregulation
- Census address maintenance
  - American Community Survey
  - Population Estimates
  - Building Permit data



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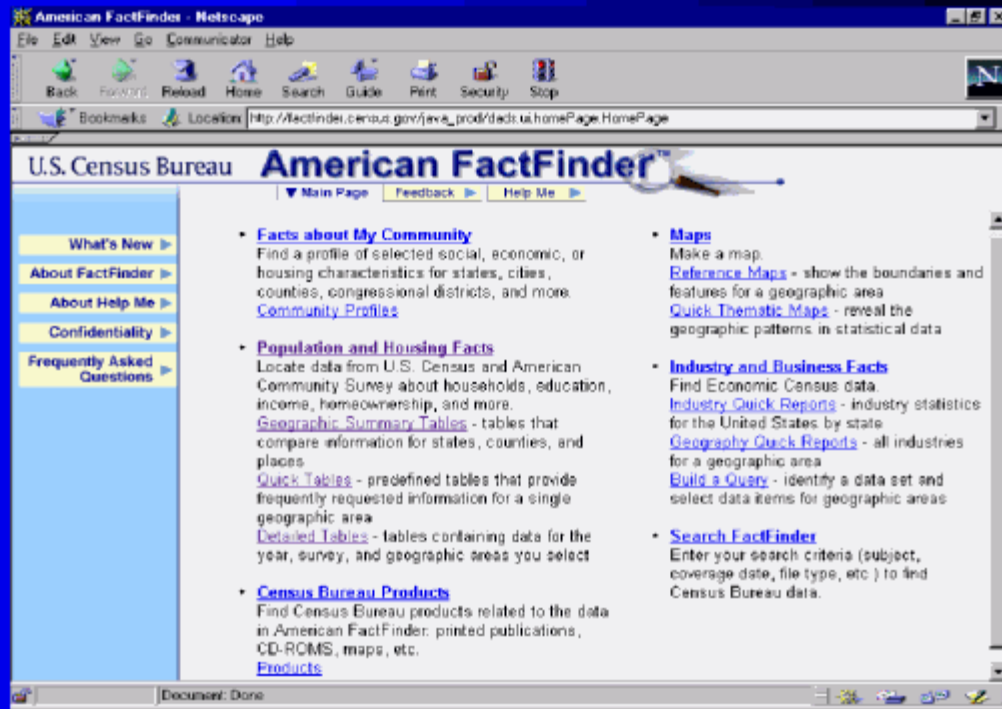
## Census 2000 - Data Access

- Minimal Printed products
  - Summary Pop & Housing Characteristics
  - Summary Social & Economic Characteristics
  - States, counties, MCD's, Places
- Electronic Access through the Internet
  - American FactFinder
    - profiles
    - quick tables
    - geographic comparisons
  - SDC's



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# http://factfinder.census.gov



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<http://factfinder.census.gov>



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# New York State Data Center

- Services
  - Day-to-Day Inquiries - immediate response
  - Statistical Reports
  - Custom Research and Analysis
  - Custom Computer Extracts/Files
- What do you need from the Census?



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# Census 2000 TIGER

- TIGER
  - TIGER '99 Available on Census website
    - <http://www.census.gov/geo/tiger99/NY/>
  - TIGER Line 2000: by March 1, 2001
  - MAF/TIGER Modernization Study
    - <http://www.census.gov/geo/mod/maftiger.html>
  - GPS TIGER Accuracy Evaluation
    - <http://www.census.gov/geo/www/tiger/gtaat2000.pdf>



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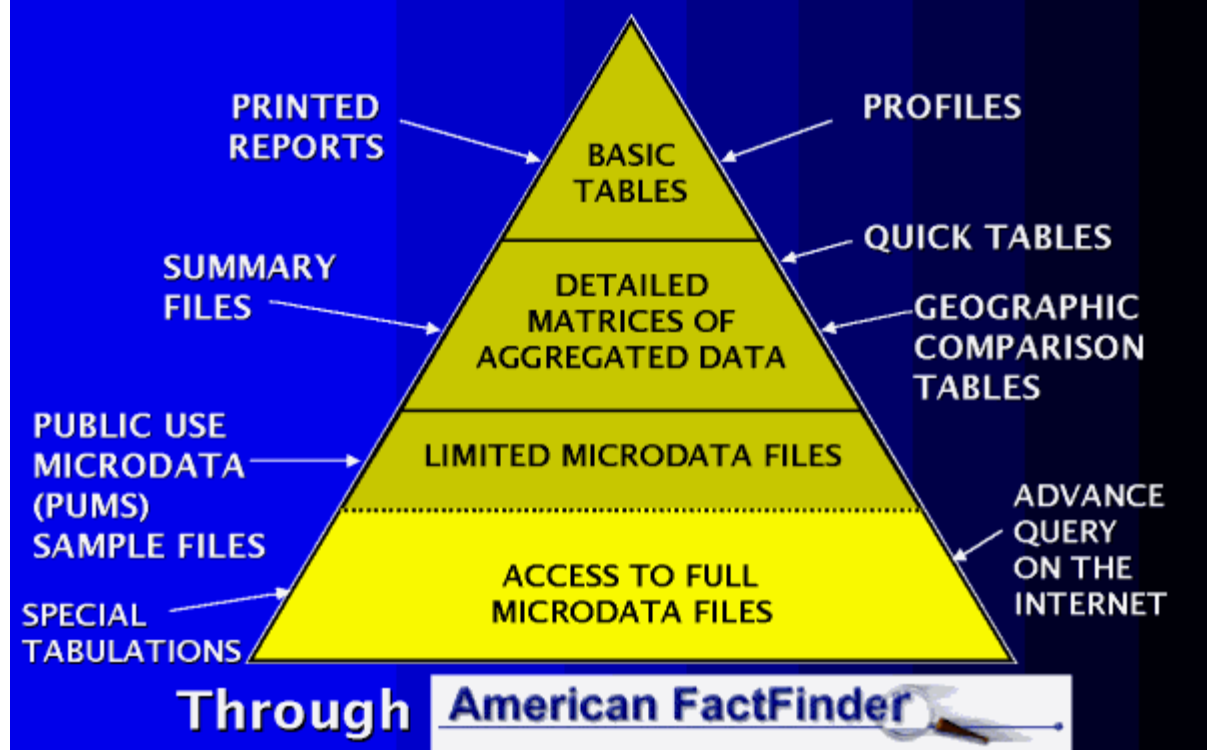
## Census 2000 Map Products

- Map Products (Media: DVD, PDF, Paper)
  - Gov't Unit Block Maps: May - July 2001
  - County Block Maps: Mar - May 2001 (redistricting)
  - Tract Outline Maps: Mar - May 2001
  - Voting District/Legislative District: Mar - May 2001
- Boundary Files: beginning in June 2001
  - State-County-MCD/Place-Tract-Block Group
  - On the Internet (.e00, .shp, and ASCII)



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# Census 2000 Data Products



## Release Schedule - Initial Counts

- State Population for Reapportionment:
  - December 31 (Total population only)
- Block counts for State Redistricting
  - By April 1, 2001 (Population by 63 race categories, 18 and over)



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# Release of Census 2000 Products

## *100 Percent Products*

- Quick Tables: April - Dec. 2001
  - American FactFinder
- Demographic Profile: June - Sept. 2001
  - Population totals, selected pop & housing
  - American FactFinder and paper
- Summary File 1 (SF 1): June - Sept. 2001
  - Detailed characteristics/race detail
  - Internet, CD-ROM



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# Release of Census 2000 Products

## *Sample Products*

- Quick Tables: Aug. 2002 - Mar. 2003
  - American FactFinder
- Demographic Profile: Dec. 2001 - Mar. 2002
  - Social and economic characteristics
  - American FactFinder and paper
- Summary File 3 (SF 3): Aug. - Dec. 2002
  - Detailed characteristics
  - Internet, CD-ROM



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# Empire State Development State Data Center

- Data Hot-line and Fax-on-demand
  - (518) 292-5844
- Information Specialists
  - (518) 292-5300



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