



The New York City Real Property Tax Industrial and Commercial Incentive Program (ICIP): Description and Analysis

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- The Industrial and Commercial Incentive Program (ICIP) is a NYC Real Property Tax (RPT) expenditure program
- Created in 1984 and extended every three years since
- City's interest in evaluating business incentives programs, including ICIP, before their sunset
- NYCEDC with assistance from NYC OMB and NYC DOF undertook an evaluation of ICIP in 2007
- ICIP extended for one year until June 2008
- ICIP reform passed NYS Assembly and Senate in June 2008 but waiting for New York City Council adoption

ICIP'S PURPOSE

- ICIP is intended to:
 - Stimulate capital investment in NYC commercial real estate
 - Create and retain jobs by ensuring an adequate supply of industrial and commercial space
 - Disperse demand from the highest-value areas to secondary and tertiary markets in the City
- How ICIP reaches its goals: as-of-right RPT exemption on the value of capital investment in commercial, industrial or mixed-use real estate
 - ICIP exempts exclusively the increase in value of buildings:
 - Tax base is redistributed within commercial properties from new/renovated buildings to old structures and land (tax rate determined residually)
 - Eligibility: new construction and renovation of existing buildings
 - Eligibility and exemption schedule varies depending on the property's location and use



¹ From DoF Annual Report on Tax Expenditures FY07) ² Authors' calculations based on DoF FY07 RPAD and ICIP exemption files.

















	Program Type	Full Exemption Period	Phase-Out Period I	Required Minimum Expenditure	Inflation Protection	Boundaries	Additional Benefits/ Notes
{	Industrial Exemption and additional abatement	Yrs. 1-16	10%/yr. for yrs. 17- 25	10% of initial assessed value (AV) for exemption 25% of initial AV for additional	Yrs. 2-13	AII NYC	 50% additional abatement available on pre-existing real estate taxes for yrs 1-4 with 8 yr phase-out thereafter Utility infrastructure and
	<u>Special</u> Exemption Areas	Yrs. 1-16	10%/yr. for yrs. 17- 25	abatement 10% of initial AV	Yrs. 2-13	 Areas designated by the Boundary Commission Empire Zones 	power plants also eligible
	Regular Exemption Area	Yrs. 1-11	20%/yr. for yrs. 12- 15	10% of initial AV	None	Manhattan N. of 96 th St., the Bronx, Bklyn, Queens, and	
	<u>Renovation</u> Area	Yrs. 1-8	20%/yr. for yrs. 9-12	20% of initial AV	None	Staten Island Manhattan S. of 59 th St.	Available for renovations only
	Construction of " <u>Smart</u> " Buildings	Yrs. 1-4	20%/yr. for yrs. 5-8	None	None	Generally, Manhattan south of Murray, Frankfort and Dover	Available for constructior of "smart" buildings only











FISCAL YEAR	TOTAL	MANHATTAN SOUTH OF 59 TH ST	REGULAR EXEMPTIONS	SPECIAL EXEMPTIONS	INDUSTRIAL EXEMPTIONS
1988	7.3120	0	2.3399	1.822	.9192
1989	11.69	0	2.8861	1.9356	.6483
1990	6.6054	0	1.492	1.6987	.9041
1991	7.9551	0	.9565	2.8193	1.7851
1992	5.7414	0	1.0846	1.6999	.503
1993	4.5399	.7090	.4370	1.3626	.6796
1994	16.420	6.9683	2.7214	2.8654	2.4173
1995	7.9659	2.582	.9712	2.1131	2.2815
1996	14.124	2.6967	3.2286	2.2672	5.9319
1997	11.82	3.5565	2.7960	2.4130	3.0569
1998	18.952	8.4542	1.0983	3.7573	4.1951
1999	18.637	7.8254	4.5731	2.9653	2.919
2000	17.693	9.5480	2.0549	3.9982	2.0207
2001	12.825	7.5156	1.5436	2.5035	1.2280
2002	25.802	13.906	2.9800	7.5255	1.3902
2003	13.065	4.3567	2.0939	5.5703	1.04
2004	15.027	7.2592	3.3096	3.6353	.822
2005	18.301	8.5680	3.0514	5.6554	.9089
2006	11.601	4.6444	3.6198	2.8925	.4442

VOLUMES AND CYCLICALITY: YEARLY SQUARE FOOTAGE

VOLUMES AND CYCLICALITY: YEARLY OFFICE AND STORE SQFT ENTERING ICIP BY EXEMPTION TYPE (MILLIONS)

FISCAL YEAR	OFFICE	BUILDINGS	STORE BUILDINGS		
	MANHATTAN SOUTH OF 59 TH ST	REGULAR AND SPECIAL EXEMPTIONS	MANHATTAN SOUTH OF 59 TH ST	REGULAR AND SPECIAL EXEMPTIONS	
1988	0	.639	0	.90215	
1989	0	1.8933	0	1.178841	
1990	0	.5866	0	.87643	
1991	0	.1902	0	1.944532	
1992	0	.2241	0	1.248311	
1993	0	.3095	.017862	.73982	
1994	4.7286	.8325	.013842	3.7282	
1995	.7564	.4914	.377985	1.625596	
1996	1.4417	.4581	.335803	3.113185	
1997	1.8153	1.4924	.042513	2.24966	
1998	3.5278	1.2887	.085955	1.53022	
1999	6.4789	1.0493	.107916	4.32317	
2000	8.5008	1.5642	.056194	2.510314	
2001	5.8808	1.1274	.001782	1.350803	
2002	11.743	2.3495	.204934	2.386325	
2003	2.7785	1.5557	.139464	2.621739	
2004	6.5519	1.3838	.073159	3.777921	
2005	5.5743	2.3576	.537562	2.23557	
2006	3.5682	.4065	.042459	2.463391	





OUR APPROACH

- An investment is undertaken if the expected rate of return is higher than a profitability threshold
- The perfect dataset would have information on:
 - · Expected rates of return at the time of the investment decision
 - · Change in expected rates of return had ICIP not been available
- Our methodology:
 - 1. Estimation of the rate of return of investments receiving ICIP
 - a. Estimation of construction cost
 - b. Estimation of income stream from the investment
 - Stimation of the distribution of rates of return
 - 3. Estimation of the ex-ante profitability threshold
 - 4. Estimation of hypothetical rates of return without ICIP exemptions
 - 5. "Induced" projects: projects that are above the threshold with ICIP and below the threshold without



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DATA DESCRIPTION

- Administrative data from DoF:
 - history of exemptions, market and assessed values for all ICIP exemptions between FY88/89 to FY06/07
 - building and tax class
- We only observe market and assessed values when the property is receiving an exemption
- We do not observe abatements for industrial properties
- Additional DoF data (FY06/07 values): square footage, stories, square feet by use from zoning regulations (e.g. retail, office, etc.), address
- Total of 7,269 properties (corresponding to 6,447 buildings)
- Data patterns:
 - Early termination of exemptions
 - Multiple exemption starting in the same or different years
 - Incomplete histories (property receives another type of exemption or missing values)



















OTHER RESULTS

- Fraction of induced square footage: 17.48% (10.318 million sqft)
 - Manhattan South of 59th Street: 9.19% (1.87 million sqft)
 - Regular exemptions: 19.65% (2.06 million sqft)
 - Special exemptions: 21.98% (4.97 million sqft)
 - Industrial exemptions: 25.74% (1.41 million sqft)
- Expenditure per induced square foot (30-year NPV): \$328.65
- Sensitivity tests:
 - Tax incidence 50% / IPT 10%: 10.1% (5.968 million sqft)
 - Tax incidence 50% / IPT 20%: 17.96% (10.602 million sqft)
 - Tax incidence 25% / IPT 10%: 4.1% (2.422 million sqft)
 - Tax incidence 25% / IPT 15%: 5.29% (3.123 million sqft)
 - Tax incidence 25% / IPT 20%: 7.7% (4.547 million sqft)
 - Tax incidence 75% / IPT 10%: 19.97% (11.793 million sqft)
 - Tax incidence 75% / IPT 15%: 26.73% (15.780 million sqft)
 - Tax incidence 75% / IPT 20%: 28.03% (16.548 million sqft)

