BUDGET OPTIONS

FOR NEW YORK CITY

February 2010

New York City

Independent Budget Office

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Introduction

LAST MONTH, WITH THE CITY FACING A SHORTFALL OF MORE THAN \$4 BILLION for the upcoming fiscal year, Mayor Michael Bloomberg presented a somber Preliminary Budget and an even grimmer contingency plan if the Governor's proposal to substantially reduce aid to the city is adopted by the state Legislature.

Even in the best of times, the city never has enough funds to pay for all of the things constituents want. But now, as we stagger out of one of the worst economic declines in memory, tough budget decisions lie ahead. That is where this latest edition, the ninth, of *Budget Options for New York City* comes in.

Since 2002 IBO has sought to help inform decisions on cutting spending and raising revenue by providing policymakers and the public with objective information and a synopsis of the pros and cons of dozens of budget and tax measures. The Governor's budget plan includes two options discussed in prior editions of the annual report: increasing private insurance payments for the Early Intervention program and expanding the mortgage recording tax to coops, which the Mayor's preliminary budget also includes. The Mayor's budget plan also includes reduced staffing in fire department engine companies, a measure also weighed in prior editions of IBO's budget options. Additionally, the Mayor's Preliminary Budget proposes a civilianization effort in the police department, a measure reviewed here as well.

A number of options in prior editions have already been adopted, such as the merger of the Department of Employment into the Department of Small Business Services, the redeployment of police officers who had been assigned to the Drug Abuse Resistance Education program, the creation of a subsidiary insurance company for the Health and Hospitals Corporation, and the shifting of children from the child welfare system's congregate care facilities to family-based home care.

In this latest edition we examine 63 options and make objective estimates of their anticipated savings or revenues. In addition to the 9 new options presented here, many options that appeared last year have been substantially revised; we provide updated fiscal effects and in some cases additional policy considerations as well. While IBO presents them as viable alternatives, it does not take a position about whether in fact they should be implemented. **IBO presents a set of arguments for and against implementing each of the measures presented here**.

Much as last year, this edition also includes a number of options for reducing labor costs. We include these because labor costs are the single largest part of the city's budget: spending on wages and benefits are projected to total \$36.4 billion this year and grow to \$38.8 billion in 2014.

Some options appear here because we have been asked by elected officials, civic leaders, or advocates to estimate their cost-savings or revenue potential. There are other options that developed out of the knowledge and insight of IBO's own budget analysts and economists. Regardless of its source, each budget option underwent the same thorough and impartial analysis.

The options presented here are by no means exhaustive. In no way does the report's inclusion—or omission—of specific budget options reflect an assessment of their viability or desirability. Like the Congressional Budget Office, which develops a similar volume for the federal government, **our role is to analyze, not endorse**. We welcome your suggestions for inclusion in future budget options as well as comments on this new installment.

Savings Options

OPTION: Eliminate Public Funding of Transportation For Private School Students

Savings: \$40.2 million annually

NEW YORK STATE LAW requires that if city school districts provide transportation for students who are not disabled, the district must also provide equivalent transportation to private school students in like circumstances. Under Department of Education regulations, students in kindergarten through 2nd grade must live more than a half-mile from the school to qualify for free transportation, and as students age, the minimum distance increases to 1.5 miles. The Department of Education provides several different types of transportation benefits including yellow bus service, and full- and reduced-fare MetroCards.

In the 2008–2009 school year, 24 percent of general education students receiving full- or reduced-fare MetroCards attended private schools (roughly 128,000 children). In the same year, about 37 percent of general education students using yellow bus service attended private schools (about 31,000 children). The education department spends more than \$268 million on the MetroCard program and yellow bus services for general education students.

The MetroCard program is financed by the state, the city, and the Metropolitan Transportation Authority (MTA)—the city contribution is \$45 million and the state's \$6 million this year while the MTA absorbs the remaining costs. Total expenditures in the 2009-2010 school year for yellow bus service are expected to be \$219 million, making the city's portion roughly \$80 million based on a 36 percent share of expenditures.

Elimination of the private school benefit, which would require a change in state law, could reduce city funding by roughly \$40 million—\$11 million for MetroCards (24 percent of the city's \$45 million expense) and \$29 million for yellow bus service.

PROPONENTS MIGHT ARGUE that when families choose to use private schools, they assume full financial responsibility for their children's education and there is no reason for the city to subsidize their transportation, except for those attending private special education programs. Proponents concerned about separation of church and state might argue that a large number of private school children attend religious schools and public money is therefore supporting religious education. Transportation advocates could also argue that the reduction of eligible students in the MetroCard program will benefit the MTA even more than the city and state as the program costs to the transportation authority are believed to be greater than the amount of funding. **OPPONENTS MIGHT ARGUE that the majority of private** school students in New York City attend religious schools rather than independent schools. Families using such schools are not, on average, much wealthier than those in public schools and the increased cost would be a burden in some cases. Additionally, the parochial schools enroll a large number of students and serve as a safety valve for already crowded public schools. If the elimination of the transportation benefit forced a large number of students to transfer into the public schools, the system would have difficulty accommodating the additional students. Opponents also might argue that parents of private school students support the public schools through tax dollars and are therefore entitled to some government services. Furthermore, opponents might argue that as public transportation becomes increasingly expensive in New York City all schoolchildren have an increased need for this benefit.

OPTION: End the Department of Education's Financial Role as FIT's Local Sponsor

Savings: \$12.6 million annually

THE FASHION INSTITUTE OF TECHNOLOGY (FIT) is currently considered a community college in the State University of New York system (SUNY). Like all SUNY community colleges, it has a local sponsor, in this case the city's Department of Education, which is required to pay part of its costs. The city has no financial responsibility for any other SUNY school, even though several are located here. FIT is the only SUNY community college in New York City; all other community colleges in the city are part of the City University of New York system.

FIT specializes in fashion and related fashion professions. Originally, it was a two-year community college, but in the 1970s FIT began to confer bachelor's and master's degrees. Today the school has 23 bachelor degree programs along with six graduate programs, which account for nearly half its enrollment. Admission to FIT is selective, with fewer than half of applicants accepted; a large majority of its students are full time and a substantial fraction are from out of state. Consequently, the school is a community college in name only; functionally, it is a four-year college.

Under this proposal, FIT would convert from a community college to a regular four-year SUNY college; the Department of Education would cease to act as the local sponsor and would no longer make pass-through payments to subsidize FIT. Based on current state law for SUNY community colleges, 40 percent of funding is supposed to come from the state and the rest from student tuition and a local sponsor. As a result of this change, the college would have to rely more on tuition, state aid, its own endowment, or that of the state university system, and any operational efficiencies and savings that it can implement. This change in FIT's status would require state legislation.

PROPONENTS MIGHT ARGUE that there is no reason for FIT's anomalous status as a community college sponsored by the Department of Education; given that it is, in practice, a four-year SUNY campus it should be funded like any other SUNY campus. They might also argue that because New York City is a major fashion capitol, there are good prospects for philanthropic and industry support to make up for loss of local sponsorship. They might also argue that the mission of the Department of Education is to provide for K-12 education for New York City children, and that subsidizing FIT is not relevant to this mission. Finally, they might argue that the current economic downturn will lead to more students seeking higher educationespecially affordable, well-regarded institutions like FIT so tuition will remain a strong revenue source, softening the blow of the loss of city funds.

OPPONENTS MIGHT ARGUE that loss of local sponsorship could lead to an unexpected sharp rise in tuition that will offset the affordability of FIT. Additionally, opponents could say that the state has never met its current mandate for 40 percent funding of community colleges so it is not likely that the state would make up the loss of city funds. They also might suggest that even if the current arrangement does not make sense, the logical alternative would be to incorporate FIT into the city university system, which would not produce savings for the city.

OPTION: Reduce Operational Subsidy to Cultural Institutions Groups Receiving Subsidies of \$1 Million or More

Savings: \$17.2 million annually

THE 33 CULTURAL INSTITUTIONS LOCATED ON CITY-OWNED PROPERTY are often referred to as the Cultural Institutions Group (CIG). These institutions—ranging from the Metropolitan Museum of Art to the Brooklyn Museum—receive \$47.1 million for energy costs under their contracts with the city. As of the June 2009 Financial Plan, they are scheduled to receive an additional \$57.3 million in operational subsidies for fiscal year 2011. With the implementation of CultureStat in fiscal year 2009, each CIG initially receives 90 percent of its budgeted allocation, with the balance contingent upon performance. The following calculations reflect the 100 percent baseline allocation.

This option would reduce operational subsidies to some CIGs based on their current funding; the energy payments would remain unchanged. The option would separate the CIGs into three tiers of operating subsidy reduction: (Tier I) the three that currently receive subsidies greater than \$7.5 million would be reduced by 50 percent; (Tier II) the seven that currently receive between \$1 million and \$7.5 million would be reduced by 25 percent; and (Tier III) the remaining CIGs receiving less than \$1 million would not be reduced.

The operational funding to the CIGs would decrease by a total of 30 percent, saving the city \$17.2 million. These subsidies would then be maintained at the new, lower levels in subsequent years.

PROPONENTS MIGHT ARGUE that although few people advocate a reduction in cultural funding, with the city facing projected budget shortfalls in the coming years cuts will be unavoidable in many city-funded programs. This type of variable cut has the advantage of leaving the majority of the institutions with no decreases in funding by placing the burden of the overall reduction in funding on the wealthiest CIGs. The wealthier Tier I and Tier II CIGs are more likely to have greater fundraising capabilities and would be better able to withstand the overall reductions to their operational funding than the smaller CIGs and other cultural groups that are also funded by the city. Even with the 50 percent reduction, the Tier I CIGs would still receive an average of \$4.3 million each in discretionary funds. OPPONENTS MIGHT ARGUE that given their size, Tier I and II institutions have large fixed costs and have historically depended on city support. Over the last two years, the planned city subsidies to these CIGs have already been significantly reduced. Support from the private sector cannot be relied on due to the current economic downturn; hence the level of private donations might be insufficient to fill funding gaps, leading to disruption in programs, at least in the short term. The Tier I and II institutions tend to serve far larger populations than those in Tier III. Measured on a subsidy per visitor basis, there may be less difference among the different CIGs. Furthermore, suggested admission prices are already high at many of these institutions, and might have to rise further to cover the subsidy reduction, deterring some potential visitors. Finally, many of the city's cultural institutions have been credited with drawing out-of-town visitors to New York. If services are cut or admission prices increased, tourism and its accompanying spending on restaurants, hotels, entertainment, and shopping could be curtailed.

OPTION: Eliminate Need for Citywide "Run-Off" Elections

Savings:

\$15 million (Represents potential savings every four years, beginning in fiscal year 2014.)

PRIMARY ELECTIONS FOR CITYWIDE OFFICES, which often involve more than two candidates vying for their party's spot on the November general election ballot, currently require that a candidate needs to receive at least 40 percent of votes cast in order to prevail. If no candidate reaches that threshold for a particular office, a citywide run-off election involving the top two vote getters is held. This most recently occurred in the September 2009 Democratic primaries for Comptroller and Public Advocate.

Eligible candidates competing in run-off elections receive an additional allocation of taxpayer-generated funds from the city's Campaign Finance Board. There are other costs, too, including trucking costs associated with transporting voting machines, staffing polling sites with per diem employees for an additional day, and overtime for police officers assigned to each polling site. At present the staging of a citywide run-off election costs about \$15 million, depending on the amount of matching funds candidates are eligible for.

This option would save money by eliminating the need for run-off elections through the implementation of instant run-off voting (IRV), a move which would be feasible if, as expected, the city replaces its existing "lever" style voting machines with a network of optical scanners. IRV has been implemented in a number of large cities across the country such as San Francisco, Memphis, Minneapolis, and Oakland. It has also been proposed recently for adoption in New York by State Senators Addabbo, Krueger, and Perkins.

Instant run-off voting allows voters to rank multiple candidates for a single office rather that requiring voters to vote solely for the one candidate they most prefer. The IRV algorithm utilized to determine the winning candidate essentially measures both the depth and breadth of each candidate's support. Perhaps most significantly, the winner will therefore not necessarily be the candidate with the most first choice votes, particularly if he or she is also among the least favored candidates in the eyes of a sufficient number of other voters.

In an election that uses instant run-off voting, primary voters would indicate their top choices of candidates for an office by ranking them first, second, third, etc. If no candidate receives 50 percent of the first choice votes, then the candidate receiving the fewest first choice votes is eliminated. Individuals who voted for the eliminated candidate would have their votes shift to their second choice. This process continues until one candidate has received 50 percent of the vote.

PROPONENTS MIGHT ARGUE that implementation of instant run-off voting would not only yield budgetary savings for the city but also be more democratic. The preference of more voters would be taken into account using instant run-off voting because turnout on primary day is usually a good deal higher than turnout for runoff elections two weeks later. OPPONENTS MIGHT ARGUE that it is unrealistically burdensome to expect voters to not only choose their most desirable candidate in a primary but to also rank other candidates in order of preference. They might also argue that the current system is more desirable in that the voters who make the effort to turn out for run-offs are precisely those most motivated and most informed about candidates' relative merits.

OPTION: Make Greater Use of Alternatives to Incarceration for Juveniles

Savings: \$15 million annually

EACH YEAR THE CITY SENDS OVER 700 JUVENILES to prison-like facilities in upstate New York, at an annual cost totaling well over \$100 million. Some of the youth are placed in institutions run by the state's Office of Children and Family Services (OCFS) and others go to privately operated facilities under contract with the city's Administration for Children's Services. The city reimburses OCFS for 50 percent of the share of the cost of care for youth at state facilities while it bears 100 percent of the costs of placements in private facilities. Taking into account the number of placements in each type of facility, the weighted average of the annual cost to the city for a juvenile detention placement is about \$84,000.

The city introduced two community-based alternatives to incarceration programs: Esperanza, launched in 2003, a demonstration project of the nonprofit Vera Institute of Justice, and the Enhanced Supervision Program, created in 2005 by the Department of Probation. Each year roughly 700 youth are served by these programs at a combined annual average cost to the city of about \$7,900 per youth.

Under this option the city would divert an additional 200 juveniles each year from detention to alternative to incarceration programs. Department of Probation officials could choose the most appropriate candidates for these alternative programs based on the Probation Assessment Tool, a tool created by the Department of Probation to aid in determining sentencing decisions. Diverting 200 juveniles would save the city about \$15 million annually.

PROPONENTS MIGHT ARGUE that it makes no sense to send troubled youth unnecessarily to more costly detention facilities when they can be better served by alternative programs. Preliminary data shows that youth who participate and complete an alternative to incarceration program have a recidivism rate of 16 percent, compared to 50 percent for youth released from an OCFS facility. Therefore, the alternative programs may save even more money in the long run.

OPPONENTS MIGHT ARGUE that these programs are still in their early development and not enough data is available yet to determine how effective they are. They might also argue that requiring probation officials to reduce the number of juvenile delinquents sent to detention facilities could result in more dangerous offenders being allowed to remain on the streets of New York.

OPTION: Use Open-Source Software Instead of Licensed Software for Certain Applications

Savings: \$130,000 and up annually

EACH YEAR INDIVIDUAL CITY AGENCIES PURCHASE OR PAY a fee to maintain a variety of computer software licenses. Many open-source alternatives to traditional software packages are available at no cost. This option proposes that the city reduce its use of licensed software by switching to open-source software where practical.

For example, many city agencies have licenses for statistical software such as SAS, SPSS, or Stata. These packages are used for evaluation, policy analysis, and management. One open-source option is R, an alternative that is popular with academic institutions and used at a variety of large corporations like IBM and Bank of America. A city agency with 15 SAS licenses would spend about \$13,000 a year to maintain the licenses (there are volume discounts, so as an agency purchases more licenses, the per license cost decreases). If 10 agencies of roughly that size switched from SAS to R, the city could achieve savings of about \$130,000 per year.

Initially, the agencies would need to invest in training staff on how to use the new software and on information technology costs related to installing it, though some of these costs would be offset by reduced spending on training for existing software. Additionally, these costs would be recouped as the software requires no annual maintenance fees and costs nothing to obtain. Furthermore, some city workers may be able to learn the new applications through free online tutorials and other resources that are available.

Agencies may opt to continue to have one license of their current applications in order to use existing code (programs written by staff to complete specific analysis), but even a reduction in the number of licenses would save the city money as each additional license comes at a cost.

Beyond statistical software, there are open-source versions of common applications. For example, additional savings could be achieved by using OpenOffice, a free alternative to Microsoft Office, especially for staff who use computers for limited word processing or spreadsheet functions.

PROPONENTS MIGHT ARGUE that open source software is comparable or superior to licensed software, especially as open source software becomes more common in academia and the private sector. Switching to software like R will become easier as more university graduates and employees in other sectors learn to use the software prior to working for the city. Furthermore, open source software like R is constantly being improved by users whereas the licensed software may take longer to improve and improvements are often only available through expensive updates. OPPONENTS MIGHT ARGUE that purchasing software from established companies provides the city with access to greater technical support. In addition, city workers have been trained and are experienced using licensed software. Furthermore, they may have developed code that is specific to a program and switching to new software may result in decreased productivity as agencies re-write existing code. Finally, new software may not interface as well with the licensed software used by other government agencies or firms.

OPTION: Citywide "Vote-by-Mail"

Savings: \$7 million annually

ELECTION DAY POLL SITES NO LONGER EXIST IN THE STATE OF OREGON. Instead, all Oregonians who are registered to vote receive their ballots in the mail three weeks before each election and then have the option of returning their completed ballots either by regular mail or by personally dropping them off at specially designated collection sites. Voters in nearly all counties within Washington State also now use vote-by-mail, as do significant proportions of voters in both California and Colorado.

This option proposes that New York City move towards discontinuing the operation of election poll sites across the city by adopting a similar vote-by-mail system. Implementing this proposal would require amending New York State's Constitution.

Securing permission to institute vote-by-mail in New York City would result in annual savings of about \$7 million, which would be attained largely from reduced personnel needs. On average, \$15.6 million is spent annually by the city on about 30,000 per diem workers needed to staff elections at roughly 1,350 poll sites across the five boroughs. The city also spends about \$1.5 million each year to transport voting machines to and from poll sites citywide and roughly \$800,000 on police overtime for officers assigned to polling places. Savings to the city from vote-by-mail would be even higher in those years (such as most recently 2009 and 2001) in which citywide "run-off" elections were required in late September to decide party primaries.

PROPONENTS MIGHT ARGUE that vote-by-mail systems present a number of advantages in addition to significant cost savings. As in Oregon, where voter participation increased after adoption of vote-by-mail, implementing such a system could boost voter turnout here as well. The public would also come to appreciate no longer being required to rush to poll sites before closing, sometimes in inclement weather, often followed by waits on long lines before casting their votes. Voters would also have more time to gather information on referenda appearing on the ballot, which many voters are totally unaware of until entering the voting booth. OPPONENTS MIGHT ARGUE that poll sites have long been places of civic community and that the gathering of citizens at Election Day polling places is a venerable tradition that should be preserved. Opponents would also argue, notwithstanding claims to the contrary by officials in jurisdictions that have adopted vote-by-mail systems, that such a process would almost certainly increase the risk of fraud or abuse. For example, given the loss of the privacy enjoyed once one closes the curtain at a poll site, voters that have received their ballots in the mail could conceivably be either monetarily enticed or intimidated into filling out their ballots in a certain manner. Savings: \$2 million annually

CURRENTLY, THE DEPARTMENT OF SANITATION (DSNY) collects bagged grass clippings from residential yards around the city. Grass clippings represent approximately a third of the roughly 136,000 tons of yard waste the city collects every year but cannot recycle.

To reduce this portion of refuse tonnage, DSNY has encouraged residents and institutions not to bag grass clippings and place them out for collection. Instead, residents are urged to let grass clippings decompose naturally on their lawns. DSNY has published a brochure to encourage such practice entitled, "Leave it on the Lawn: A guide to mulch-mowing."

Based on a DSNY study of waste composition and the seasonal cycles of lawn mowing, IBO projects that the city would save approximately \$2 million annually if the sanitation department stopped collecting grass clippings. This savings represents the export cost of about 22,000 tons of clippings diverted from regular collection, multiplied by the weighted average of the five boroughs' export contract costs with commercial haulers. Given challenges in enforcement and educating residents on the new policy, IBO's projection assumes 50 percent compliance. However, higher levels of compliance would generate greater savings.

PROPONENTS MIGHT ARGUE that eliminating the collection of grass clippings from residences would significantly decrease export tonnages of New York City garbage. Export currently costs the city approximately \$91 per ton of trash. In addition, grass clippings provide natural fertilizer for lawns. This decreases pollutants in our wastewater stream, as well as providing cost savings to residents. OPPONENTS MIGHT ARGUE that grass clippings left on lawns are a nuisance to residents, and can damage lawns. Using mulching mowers is ideal to grind the clippings down to the appropriate size for fertilizing. However, these mowers would represent an added cost to residents and only a small segment of the city's residents would bear the burden of this citywide savings.

OPTION: Eliminate Youth Connect

Savings: \$250,000 annually

THIS OPTION WOULD ELIMINATE THE Department of Youth and Community Development's (DYCD) Youth Connect (formerly known as Youth Line). Youth Connect, an information and referral service for youth, families, and communities, provides a toll free hotline Monday through Friday from 9:00 a.m. to 7:00 p.m. Operators connect callers to an array of local services and resources, which relay employment opportunities and offer education and training programs, including Out-of-School Time programs, runaway and homeless youth services, immigrant services, and Beacon Community Centers. Callers can also submit questions online.

According to the Mayor's Management Report, Youth Connect received 48,469 calls in fiscal year 2009, up from 47,688 in 2008. The increase in calls was due to a spike in queries about the Summer Youth Employment Program and the Out-of-School Time Initiative. Youth Connect's operating expenses for 2009 totaled about \$230,000. The budget for the current year is \$250,000.

PROPONENTS MIGHT ARGUE that the creation of 311 and Enhanced 311—the human services referral service have made this hotline redundant. In fiscal year 2009, 311 received about 42,000 DYCD related inquiries of the kind handled by Youth Connect. Furthermore, unlike the Youth Connect hotline, 311 is available 24 hours a day. Calls are referred to 311 when the hotline is not in service. OPPONENTS MIGHT ARGUE that the hotline receives a large number of calls for services, a number that has been increasing over the last several years. In October of 2008, DYCD relaunched Youth Line as Youth Connect, an online expansion of its Youth Line call center. Currently, young people can stay connected through e-mail, text messaging and social networking Web sites. They can also stay abreast of relevant news about youth services through the Youth Connect e-mail blast, an informational e-mail sent to multiple users, designed to engage young people on their own terms while connecting them to real-world city services, something that 311 does not do.

OPTION: Eviction Insurance Pilot Program

Savings: \$266,000 annually and up

BEGINNING AS A PILOT PROGRAM, the city would offer "eviction insurance" to households that are potentially at risk of homelessness. Participating households would pay a small monthly premium, and if faced with eviction, would receive funds to pay for back rent or legal fees. Since some of the households that would have been evicted in the absence of the program would have become homeless, by preventing the eviction, the city will save on emergency shelter expenditures.

IBO has assumed that the pilot program would include 1,000 households. At this size, the monthly premium would be \$9.37, which would make the program fully self-sustaining, including the salary of one full-time staff person to administer it. In addition, the city would generate savings from avoided emergency shelter costs. As the program is expanded, the monthly premium for individual households will fall, and the total savings to the city will rise. For example, if the program grew to 10,000 households, the monthly premium would be \$6.74, and annual savings to the city in avoided shelter costs would be \$2.7 million.

PROPONENTS MIGHT ARGUE that preventing homelessness is both less expensive and more humane than emergency shelter. Eviction insurance would be essentially selfsupporting, so any reduction in shelter use represents a net gain for the city. An eviction insurance program would complement the existing system of emergency grants and loans that the city offers, but would be more consistent with the ethic of personal responsibility that underlies current welfare policy. (These grant and loan programs could be more narrowly targeted in order to promote participation in an insurance program.) Landlords might be more willing to rent to low-income households with eviction insurance, because it reduces their risk-both real and perceived. The city could require six months or more of premium payments before households would be eligible for insurance coverage, to prevent last-minute enrollments by those facing imminent eviction.

OPPONENTS MIGHT ARGUE that low-income households do not have the resources to pay even a modest premium. Particularly given that the city already offers grants and loans to prevent homelessness, it is not clear that there would be enough households willing and able to participate in an eviction insurance program to make it feasible. The existence of insurance protection could create a "moral hazard"—that is, by providing a safety net, it could undermine the normal incentive to pay rent. Moreover, if only those households facing imminent eviction take advantage of the program, the costs are likely to greatly outweigh the premium payments unless the latter are prohibitively high. Finally, it is not clear that eviction is a good predictor of future homelessness. If few of the participating households would have become homeless, savings will be limited.

OPTION: Increase Public School General Education Class Sizes by Two Students

Savings: \$221.6 million annually

UNDER THIS OPTION, the general education average class sizes in each grade would be increased by two students, which would produce savings by reducing teacher headcount. Based on estimated 2010 enrollments and 2009 citywide average teacher salary, a two student increase in class size in the early grades would eliminate 872 teaching positions; with an additional reduction of 453 positions in grades 4 through 6. In the middle schools, after accounting for Title I status where appropriate, larger classes would result in a reduction of 534 more positions while in the high schools the change would mean the reduction of 517 positions. The aggregate total staff reduction equals 2,376 teachers. This reduction yields a combined estimated annual savings of \$221.6 million, based on salaries and benefits up to October 31, 2009.

Under collective bargaining agreements, the Department of Education cannot raise class sizes in grades K-3 beyond 25 students per class. Previous Chancellor's regulations had set even lower goals in these early grades, as well as targeting middle school class sizes for reduction. In addition, 2007 legislation intended to end the long-running Campaign for Fiscal Equity law suit, now requires the department to enter into a "contract for excellence" with the state which includes new targets for reducing class sizes.

Under the contract, average class sizes should be reduced in all grades in the next few years with priority given to the lowest performing schools. Failure to make progress in reducing class sizes could result in reduction or loss of state foundation aid which now includes the revenue stream dedicated for early grade class size reduction. The city's contract for excellence, the teacher's contract and the Chancellor's regulations would all need to be altered if this option were to be implemented. Positions funded with state and federal categorical funds would not be eliminated under this proposal.

PROPONENTS MIGHT ARGUE that the research on the benefits of smaller classes, particularly in the upper grades, is not conclusive, and that the marginal difference of increasing class sizes by two students is likely to have a minimal impact on academic outcomes. Proponents could claim that scaling back the size of the teaching force would make it easier for the education department to recruit well trained and properly certified pedagogues. Smaller class sizes can also require a substantial capital investment which competes with other facility needs of the system. OPPONENTS MIGHT ARGUE that class sizes in New York City are already among the highest in the state and that making them any larger would be counterproductive. Opponents may also point out that the city, state, and federal governments have made large efforts and spent hundreds of millions of dollars to reduce class size in recent years and this proposal would essentially waste these efforts. Opponents could cite academic research linking smaller class sizes to stronger student performance, particularly in the early grades. They also cite the desire of parents to have their children receive individualized attention. Finally, they could point to the potential that a heavier teaching load could drive qualified teachers out of the system.

OPTION: Replace Late-Night Service on the Staten Island Ferry with Buses

Savings: \$3.9 million annually

THIS OPTION WOULD ELIMINATE late-night service on the Staten Island Ferry. Service would end at midnight on weekdays, and 1 a.m. on weekends, and would resume at 5 a.m. In place of ferry service, buses would carry passengers between Manhattan and Staten Island terminals.

The Staten Island Ferry is operated by the city Department of Transportation (DOT). In July 1997 the passenger fare was eliminated, and since the attacks of September 2001 no vehicles have been allowed on the ferry.

Average daily ridership on the ferry is around 55,000 passengers. On a typical weekday only 2 percent to 3 percent of these passengers travel after midnight and before 5:00 a.m. On weekdays there are five trips that leave Staten Island and six trips that leave Manhattan between 12:01 a.m. and 4:59 a.m. Express bus service between Manhattan and Staten Island is very limited during these hours.

The smallest ferry boats operated by DOT have a capacity of 1,280 passengers, and require a crew of nine plus one attendant. This capacity is far beyond what is needed during late nights. DOT has been planning to contract out its late-night ferry service to private companies in order to take advantage of these companies' smaller boats. The city projects that this action would save \$1.2 million per year.

The operating expenses of the Staten Island ferry are roughly \$90 million per year. Late-night trips are around 11 percent of the total number of trips. Assuming that terminating late-night service would reduce operating expenses by 7 percent, the annual savings would be slightly over \$6.3 million. Based on Federal Transit Administration data for the MTA Bus Company, which provides a mix of local and express service in New York City, the operating expense of a bus trip between Manhattan and Staten Island would be around \$260 per trip. The annual cost of providing bus service every 20 minutes to 30 minutes between midnight and 5:00 a.m. would be just under \$2.5 million, giving a net savings of \$3.9 million. We assume the buses would not charge a fare, as they would replace a fare-free service.

PROPONENTS MIGHT ARGUE that due to the low number of riders on the Staten Island Ferry during the late night period, even small ferry boats are an inefficient use of resources. Using buses instead of ferries to transport passengers would allow for more frequent service at a lower cost. With time, bus service could potentially be extended to serve the neighborhoods of Staten Island directly, and not just the St. George Terminal.

OPPONENTS MIGHT ARGUE that using buses instead of ferries will mean a longer, less comfortable ride for passengers, as well as potentially longer waits if buses are full. In addition, shutting down the ferry late at night might be seen as a precedent for other reductions in transit service. Finally, allowing bus passengers to wait inside the ferry terminals would reduce the cost savings and delay the boarding process, but forcing passengers to wait outside raises safety and comfort concerns.

Savings:

\$1.9 million in 2011, \$3.8 million in 2012, \$5.7 million in 2013, \$7.6 million in 2014

THE DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT (HPD) makes loans to nonprofit developers building supportive housing for homeless and low-income single adults through the Supportive Housing Loan Program. Borrowers are charged 1 percent interest on the funds, but as long as the housing is occupied by the target population, HPD does not collect additional debt service—either principal or interest—in effect making the loan a grant.

Collecting both principal and interest on new loans, which have averaged \$49 million per year over the last five years, would yield \$1.9 million in revenue in the first year, and grow as the total volume of outstanding loans grows. We assume the loans are made for a 30-year term. Collecting only the interest, while forgiving the principal, would yield less revenue, beginning with about \$490,000 in the first year, growing to \$1.8 million per year by 2014. Collecting only the principal would generate \$1.6 million in 2011, rising to \$6.5 million by 2014.

PROPONENTS MIGHT ARGUE that the Supportive Housing Loan Program is the only HPD loan program in which debt service is not collected. Recouping these loan funds would allow HPD to stretch its available funds to support more housing development. Because the interest rate is very low, the supportive loan program would still provide a significant subsidy to the nonprofit developers, particularly if only the interest were collected.

OPPONENTS MIGHT ARGUE that because the loan program projects serve extremely low-income clients, developers simply do not have the rent rolls necessary to support debt service. The nonprofit developers would be unable to support loan repayments, even on very low-interest loans. Significantly less housing would be built for a particularly vulnerable population. The result could be more people living on the streets or in the city's costly emergency shelter system. They might argue that even a deep subsidy for permanent housing is more costeffective—and humane—than relying on the shelter system.

OPTION: Establish Copayments for the Early Intervention Program

Savings: \$16 million annually

THE EARLY INTERVENTION PROGRAM (EI) provides developmentally disabled children up to the age of 3 with services through non-profit agencies that contract with the Department of Health and Mental Hygiene (DOHMH). Eligibility does not depend on family income. With about 17,000 children participating at a time and a total cost of \$450 million, the program accounts for about a quarter of the total DOHMH budget.

EI is funded from a mix of private, city, state, and federal sources. For children with private health insurance, payment from the insurer is sought first, but relatively few such claims are paid; only \$17 million came from private insurance in 2009. Medicaid and Child Health Plus pay the full cost for children enrolled in those programs, with \$218 million coming from those sources in 2009. The remaining costs are split equally between the city and the state. In recent years, the city has successfully increased the share of the program paid by Medicaid. As a result, the net cost of EI to New York City has declined from \$123 million in 2005 to just over \$100 million in 2009.

Under this option, the city would seek to further reduce these costs through the establishment of a 20 percent copayment for services to families that have private health insurance and incomes above 200 percent of the Federal Poverty Level. In addition to raising revenue directly from the estimated 25 percent of EI families that fall into this category, this could increase payments from private insurers by giving participants an incentive to assist DOHMH in submitting claims. Cost-sharing would also reduce the number of families participating in EI; it is assumed here that one-fifth of affected families would leave the program. Institution of this cap would require approval from the state Legislature; state savings would be slightly greater than city savings–about \$17 million–because there would also be a slight reduction in Medicaid spending. (Note that this only includes EI services in New York City; there would be additional savings for the state and for counties from services elsewhere in the state.)

PROPONENTS MIGHT ARGUE that establishing copayments could alleviate some of the strain the EI program places on the city budget without reducing the level of service provision. In particular, they might note that since the current structure gives participating families no incentive to provide insurance information to the city, public funds are paying for EI services for many children with private health coverage. The institution of copayments would provide these families with the incentive to seek payments from their insurers for EI services. Finally, they might note that cost-sharing is supported by the Governor and used in many other states.

OPPONENTS MIGHT ARGUE that the institution of a 20 percent copayment for EI services could lead to interruptions in service provision for children of families that, to reduce their out-of-pocket expenses, opt to move their children to less expensive service providers or out of EI altogether. They might further note that it is most efficient to seek savings in programs where the city pays a large share of costs; since the city pays for only a quarter of EI, savings here do relatively little for the city budget. Opponents might also argue that the creation of a copayment may be more expensive for the city in the long run, as children who do not receive EI services could require more costly services later in life. Finally, opponents might note that enrollment and costs in the program have been stable since 2004, suggesting that additional cost-savings measures are not urgent here and that the city should not be creating any new barriers to enrollment.

OPTION: Pay-As-You-Throw

Savings: \$327 million annually

UNDER A SO-CALLED "PAY-AS-YOU-THROW" (PAYT) program, households would be charged for waste disposal based on the amount of waste they throw away—in much the same way that they are charged for water, electricity, and other utilities. The city would continue to bear the cost of collection, recycling, and other sanitation department services funded by city taxes.

PAYT programs are currently in place in cities such as San Francisco and Seattle, and more than 6,000 communities across the country. PAYT programs, also called unit-based or variable-rate pricing, provide a direct economic incentive for residents to reduce waste: If a household throws away less, it pays less. Experience in other parts of the country suggests that PAYT programs may achieve reductions of 14 percent to 27 percent in the amount of waste put out for collection. There are a variety of different forms of PAYT programs using bags, tags, or cans in order to measure the amount of waste put out by a resident. Residents purchase either specially embossed bags or stickers to put on bags or containers put out for collection.

Based on IBO projections of waste disposal costs and sanitation department projections of volume and recycling diversion rates, each residential unit would pay an average of \$98 a year for waste disposal in order to cover the cost of waste export, achieving a net savings of \$327 million. A 14 percent reduction in waste would bring the average cost per household down to \$84 and a 20 percent reduction would further lower the average cost to \$79 per residential unit.

PROPONENTS MIGHT ARGUE that by making the end-user more cost-conscious the amount of waste requiring disposal will decrease, and in all likelihood the amount of material recycled would increase. They also point to the city's implementation of metered billing for water and sewer services as evidence that such a program could be successfully implemented. To ease the cost burden on lower-income residents, about 10 percent of cities with PAYT programs have also implemented subsidy programs, which partially defray the cost while keeping some incentive to reduce waste. Proponents also suggest that starting implementation with Class 1 residential properties (one-, two-, and three-family homes) could help equalize the disparate tax rates between Class 1 and Class 2 residential buildings while achieving savings of \$115 million. They also might argue that illegal dumping in other localities with PAYT programs has mostly been commercial, not residential, and that any needed increase in enforcement would pay for itself through the savings achieved.

OPPONENTS MIGHT ARGUE that pay-as-you-throw is inequitable, creating a system that would shift more of the cost burden toward low-income residents. Many also wonder about the feasibility of implementing PAYT in New York City. Roughly two-thirds of New York City residents live in multifamily buildings with more than three units. In such buildings, waste is more commonly collected in communal bins, which could make it more difficult to administer a PAYT system, as well as lessen the incentive for waste reduction. Increased illegal dumping is another concern, which might require increases in enforcement, offsetting some of the savings.

OPTION: Replace 450 NYPD Police Officer Positions with Less Costly Civilian Personnel

Savings: \$15.1 million annually

THE NEW YORK CITY POLICE DEPARTMENT (NYPD) has a long-standing practice of using some of its police officers to perform clerical and other support functions which do not require law enforcement expertise. The department reported that as of September 2009 there were over 450 fully capable police officers (personnel not restricted to "light duty") performing such "civilianizable" functions.

Moreover, the city's current financial plan calls for full-time civilian staffing within the department to decline by several hundred positions this year through attrition. This has led to a concern that an even greater number of police officers will need to spend time performing functions which could instead be performed by less costly civilian personnel.

This option proposes that the 450 positions which the NYPD reports are currently being staffed with full-duty police officers instead be staffed with civilian police personnel. The 450 police officers currently in such positions would be redeployed to direct law enforcement activities. This in turn would allow the new class of police officer recruits planned for July 2010 to be reduced by 450, thereby generating net annual savings of \$15.1 million.

PROPONENTS MIGHT ARGUE that while this option would reduce the overall number of uniformed personnel within the police department, it does so without reducing the current level of regular patrol deployments, thus increasing the efficiency of the city's spending for policing services.

OPPONENTS MIGHT ARGUE that while assigning trained law enforcement personnel to civilianizable activities may to some extent be inefficient, replacing police officers with civilian personnel would result in a reduction in the agency's overall law enforcement and emergency response capabilities. This is because uniformed personnel currently working in support positions are—according to the police department available to be redeployed at least temporarily, and sometimes at a moment's notice, to incidents that require enforcement training, such as demonstrations, special events, and public safety emergencies.

OPTION: Allow Police Officers to Work Fewer but Longer Tours While Also Eliminating 20 Minutes of Paid "Wash Up" Time

Savings: \$128.1 million annually

POLICE OFFICERS ARE CONTRACTUALLY REQUIRED to be scheduled to work a set number of hours each year before subtracting out vacation days, personal leave, and other excused absences. Each scheduled tour of duty currently lasts 8 hours and 35 minutes, with the final 35 minutes reserved for debriefing activities as well as for "washing up" and changing clothes before heading home.

This budget option proposes that only 15 minutes at the end of each tour be reserved for debriefing and wash-up, thereby allowing the police department to schedule officers for an additional 10 tours of duty per year. This in turn would result in the department being able to preserve existing enforcement strength with roughly 1,050 fewer officers, generating annual budget savings of about \$128.1 million. This option would require collective bargaining.

PROPONENTS MIGHT ARGUE that the current amount of 35 minutes for debriefing and wash-up is excessive. Scaling this period back to 15 minutes would allow the police department to generate badly needed budget savings for the city by requiring police officers to work only a relative handful of additional tours each year. **OPPONENTS MIGHT ARGUE that the current allotment** of 35 minutes for debriefing and changing clothes is legitimate. They might also argue that a reduction in this period of paid duty would reduce police force cohesiveness and morale.

OPTION: Alter Staffing Pattern in EMS Advanced Life Support Ambulances

Savings: \$4.2 million annually

THE FIRE DEPARTMENT'S EMERGENCY MEDICAL SYSTEM (EMS) currently includes the staffing each day of about 150 Advanced Life Support (ALS) and some 400 Basic Life Support (BLS) ambulance tours. The latter are staffed with two emergency medical technicians (EMTs); in contrast, two higher-skilled and more highly paid "paramedics" are deployed in ALS ambulance units. This option proposes staffing ALS units operated by the fire department with one paramedic and one EMT as opposed to two paramedics.

New York City is actually the only jurisdiction in the entire state where Advanced Life Support ambulances are required to have two paramedics. Regulations governing ambulance staffing in New York State are issued by entities known as regional emergency medical services councils. The membership of each council consists of physician representatives from public and private hospitals as well as local emergency medical services providers. There is a council with responsibility solely for New York City, namely the New York City Regional Emergency Medical Advisory Committee (NYC-REMAC).

In 2005 the city unsuccessfully petitioned NYC-REMAC for permission to staff ALS ambulance units with only one paramedic, with the city contending "there is no published data that shows improved clinical effectiveness by ALS ambulances that are staffed with two paramedics." In January 2009 the Bloomberg Administration again expressed its intention to approach NYC-REMAC for similar permission but thus far has not done so.

PROPONENTS MIGHT ARGUE as did the fire department in 2005, that the agency's ability to meet its internal performance objectives related to ALS response time necessitates the deployment of additional ALS ambulance units. Under existing staffing protocols, however, this would require hiring more paramedics which the agency has argued is exceedingly difficult given the shortage of paramedics in the labor market. Also, New York City is the only jurisdiction within the state where ALS units are required to be staffed with two paramedics. OPPONENTS MIGHT ARGUE that the city should not risk the diminished medical expertise that could result from the removal of one of the two paramedics currently assigned to ALS units. A more appropriate solution to the city's desire to deploy more ALS units would instead be an increase in pay for paramedics, thereby improving our ability to recruit and retain such highly-skilled emergency medical personnel.

OPTION: Encourage Classroom Teachers to Serve Jury Duty During Noninstructional Summer Months

Savings: \$3.4 million annually

UNDER THIS OPTION TEACHERS, who are not expected to teach summer school, would be encouraged to defer jury duty service until the summer when regular school is not in session. Use of per diem substitutes would decline, which would produce savings by lowering the absence coverage budget. The anticipated absence coverage budget is reduced by the average number of jury duty days served multiplied by the number of teachers called into jury service during any given school year. We assume an average length of jury duty service of three days per teacher. The substitute teacher savings equal \$465 per teacher. If 10 percent of the teaching force were called for service but deferred to the summer, this reduction yields a combined estimated annual savings of over \$3 million.

Over the course of one year, 600,000 people serve jury duty in New York. On any given day, civil and criminal courts in Manhattan alone require anywhere between 1,800 to 2,000 jurors. In the Department of Education, time away on jury duty has special classification as a nonattendance day although it is an excusable absence. The education department is required to cover every teacher absence with an appropriate substitute. Under current statutory law any person who is summoned to serve as a juror has the right to be absent from a juror's place of employment. Under current collective bargaining agreements, teachers who are required to serve jury duty receive full salary during the period of such service, and are required to remit an amount equal to the compensation paid to them for such jury duty. If service is performed over the summer, jury duty checks may be kept if employees are not working.

PROPONENTS MIGHT ARGUE that above and beyond financial savings, the best benefit is for the school children who would no longer lose three days of instruction while the classroom teacher is at the court house. The education department's own substitute teacher handbook points out that, especially for shortterm substitutes, time will be spent on establishing authority as opposed to actual instruction. Additionally, many schools have difficulty in getting substitute teachers to come in. Jury duty absences may place avoidable stress on school administrators and other school-based staff as they attempt to work out class coverage issues. OPPONENTS MIGHT ARGUE that teachers need to be able to fully relax and recharge during the summer "off" months. Deferral of jury duty might otherwise hinder well laid out family vacation plans. Opponents could also argue that the policy would unfairly play one form of civil service against another, encouraging others to defer. Given the size of the education department's teaching force, it is also possible that deferral of all teacher jury service to the summer could result in concentrations of teachers in the jury pools over the summer.

OPTION: Establish a Four-Day Work Week for Some City Employees

Savings:

\$24.4 million in 2011; \$50.7 million in 2012; and \$79.2 million in 2013

PRESENTLY, MOST CIVILIAN EMPLOYEES work seven hours a day for five days (a total of 35 hours) each week. Under this proposal, some city employees would work nine hours a day for four days (a total of 36 hours) a week. Agencies involved in public health, law enforcement, code supervision and oversight, transportation, and public safety would retain the current five-day workweek, as would all employees of the public schools and hospitals. IBO estimates that the change would apply to about 38,600 employees.

If this proposal were implemented, employees would work an additional hour per week (a 2.8 percent increase) without additional compensation. This increase in hours could allow the gradual elimination of 1,100 jobs, either through attrition or personnel redeployment. Additionally, the city might spend less on utilities and cleaning costs and negotiate lower rents for leased space for offices that would be open for just four days a week. Energy usage in affected city offices would also go down, an environmental benefit beyond the monetary savings.

Workers with the new four-day workweek would save both time and money on commuting and work preparation each week. Although affected city offices would be closed one weekday, they would be open two hours longer on the days they opened. This proposed option requires the consent of the affected unions.

PROPONENTS MIGHT ARGUE that workers would value the time and money saved on commuting and work preparation each week more than the extra hour they will work. They might also argue that less commuting by city employees would reduce congestion on public transportation and roads during rush hours, while longer hours for some city offices would improve access for many New Yorkers. OPPONENTS MIGHT ARGUE that adding an additional hour to the workweek is equivalent to a 2.8 percent wage cut. They might further note that many employees have commitments that would make a 10-hour workday difficult (nine work hours plus the customary lunch hour). Opponents might also argue that predicted productivity savings are too optimistic for several reasons. First, workers' hourly productivity is likely to be lower when the workday is extended by two hours. Second, when employees are ill and use a sick day, it would cost the city nine hours of foregone output, as opposed to seven under current rules. Finally, without layoffs, it could take many years to achieve the large staff reduction predicted.

OPTION: Increase the Workweek for Municipal Employees to 40 Hours

Savings:

\$143.7 million in 2011; \$298.9 million in 2012; and \$466.3 million in 2013

THIS PROPOSAL WOULD INCREASE the workweek for civilian, non-uniformed, non-pedagogical workers from 35 hours and 37.5 hours to 40 hours. Excluding the uniformed employees of the police, fire, correction, and sanitation departments, teachers at the City University of New York and the Department of Education, most remaining city employees work a 35-hour week and a small percentage work 37.5 hours. This proposal would establish a 40-hour workweek for all non-uniformed, non-pedagogical workers. With city employees working a longer workweek, agencies could perform the same tasks with fewer employees and thus save on wages and benefits. There might also be savings of nonlabor costs, although they are not included in our estimate of potential savings.

If employees who currently work 35 hours a week instead work 40 hours, the city would require 12.5 percent fewer workers to cover the same number of hours. Similarly, increasing the hours of employees who currently work 37.5 hours per week to 40 hours would allow the city to use 6.25 percent fewer workers. IBO estimates that approximately 7,800 positions could be eliminated if this proposal were to be implemented—approximately 12 percent of all non-managerial, non-pedagogical civilian employees working less than 40 hours a week.

If the workforce reductions happened immediately, the city could save \$574.9 million in wage and benefit costs in the first year, and the savings would increase with salary and benefit cost increases in subsequent years. Assuming instead that the city would achieve the staff reductions primarily through attrition, the reduction would take time. If IBO assumes that the lower staffing levels are phased in over four years, the savings in the first year would be \$143.7 million. This proposal would require collective bargaining.

PROPONENTS MIGHT ARGUE that many private-sector employees work 40 or more hours per week. They might note that the federal government and many state and municipal governments have 40-hour workweeks. **OPPONENTS MIGHT ARGUE that city workers work fewer** hours than comparable workers in the private sector, but they also earn substantially less. They could also point out that although the federal workweek is 40 hours it includes a paid lunch break of up to one hour. They might also argue that requiring city workers to work 40 hours per week without a commensurate increase in salary would be equivalent to a 12.5 percent cut in hourly pay for workers currently working 35 hours per week and a 6.25 percent cut in hourly pay for those now working 37.5 hours per week. Finally, opponents might argue that lower productivity and increased errors resulting from worker fatigue will keep the city from achieving the full projected savings.

OPTION: Make Parent Coordinators Part Time in Schools with Fewer Than 500 Students

Savings: \$16.9 million annually

IN THE 2003–2004 SCHOOL YEAR, as part of the Department of Education's Children First reforms, each school was provided funding for a parent coordinator position. Half of the funding for these positions was provided from city tax levy and half from reimbursable funds. The position was created to foster engagement with parents and to provide parents with tools to better participate in their children's education. The coordinators were to help facilitate two-way communication with parents at each school and work to resolve issues and concerns raised by parents.

For the 2009–2010 school year, 1,543 positions are budgeted at a citywide average salary of \$41,512 plus fringe benefits along with an additional \$500 other than personal services allocation, for a total cost of \$42,012 million. The positions are fully funded with city tax dollars. Currently, roughly 805 schools with full-time parent coordinators have enrollments of less than 500 students. Conversion of these positions to half-time positions would save about \$16.9 million.

PROPONENTS MIGHT ARGUE that the lack of specific responsibilities with measurable outcomes from these positions raise questions about the use of the funds. Proponents can also suggest that limited school resources are best used for direct services to students and that these positions should be funded from a source other than city tax dollars given that these jobs are not integral to operating a school. Other proponents might argue that schools in which parent involvement is already strong do not need an additional full-time, paid position to encourage participation of parents. The public school system has other resources to support the parent involvement part of Children First reform including parent/teacher associations, school leadership teams, 32 community education councils, along with the remaining district family advocates under the Office of Family Engagement and Advocacy.

OPPONENTS MIGHT ARGUE that research indicates there is a positive relationship between parental involvement and academic outcomes and that having a full-time parent coordinator in every school helps to strengthen the parents' role. Opponents may also argue that reducing the position to half time based on enrollment is arbitrary and a better approach would be to at least target Title I schools, to maintain parent coordinators, since they are already required to spend 1 percent of their Title I allocation on parent involvement.

OPTION: Reduce FDNY Engine Company Staffing

Savings: \$46 million annually

THE NEW YORK CITY FIRE DEPARTMENT's (FDNY) current contract with the firefighters union specifies that about two-thirds of the roughly 200 engine companies operated by the agency are to be staffed with four firefighters and a supervisory officer. Eleven other such engine companies are at all times staffed with five firefighters and an officer.

This budget option concerns staffing within the remaining 49 engine companies. These companies are staffed with five firefighters and an officer as long as the citywide sick leave utilization rate for firefighters remains at or below 7.5 percent. When the rate rises above that threshold, as it did most recently in early December, the city is contractually entitled to temporarily reduce the staffing level of these 49 engine companies to four firefighters and an officer.

This option calls for a collectively bargained severance of the link between firefighter sick leave rates and mandated staffing on these 49 engine companies, thereby permanently removing the fifth firefighter post from each unit and generating annual savings of about \$46 million. Some portion of these productivity savings could be shared with firefighters in the form of salary increases, though doing so would reduce the net savings to the city.

PROPONENTS MIGHT ARGUE that the fire department's willingness to staff the 49 engine companies at issue with four firefighters rather than five when the sick leave rate rises above 7.5 percent suggests that doing so is not inconsistent with the agency's goals of protecting public and firefighter safety. They might also argue that firefighters should refrain from abusing their unlimited sick leave privileges without the need for an incentive system encouraging them to do so. OPPONENTS MIGHT ARGUE that additional response capability associated with five as opposed to four firefighters on engine companies significantly enhances not only the safety of firefighters but also their ability to respond effectively to emergency situations. They might further contend, particularly in an era in which the city continues to face the threat of terrorist attack, that all engine companies need more not less staffing.

OPTION: Tier V Pension Plan for New NYCERS Members

Savings:

\$13.1 million in 2013 and \$28.1 million in 2014

THIS OPTION WOULD INTRODUCE A TIER V PENSION PLAN for all new employees eligible for the New York City Employees' Retirement System. Workers joining the retirement system under Tier V would be required to make employee contributions for the basic pension for the duration of their employment (as compared to the current Tier IV requirement of a 3 percent employee contribution for the first 10 years of employment) and would become vested after 10 years of credited service (rather than five years under Tier IV). Also, overtime payments would be excluded from the final average salary calculation used to determine pension benefits.

This option would not affect other pension features, such as early retirement at age 57, accidental and regular disability benefits, and the multipliers used to calculate benefits. Because a new pension tier would only affect new city workers, the savings start out low, but gradually increase as the city's work force is increasingly made up of employees covered by the new tier. Workers hired under the older pension rules would continue to receive their benefits according to the terms of the tier they were eligible for when joining the pension system. This option would require state legislation.

PROPONENTS MIGHT ARGUE that the recently passed New York State Tier V for state and local government workers outside of New York City and recent pension changes for police officers and teachers in the city all reduce benefits for new employees. They might argue that the proposed pension plan would still provide the guarantee of defined benefits, an attractive feature for potential employees that a declining number of employers provide.

OPPONENTS MIGHT ARGUE that New York City will have difficulty recruiting a strong workforce if pension benefits are eroded because the relatively generous city benefits package has compensated for the lower wages offered by the city, as compared to the private sector. They also might argue that creation of a new pension tier would result in workers in the same job title getting different pension benefits depending only on the date they began employment, which in turn could lead to discord among the city workforce and reduce productivity—a common problem in systems with multiple benefit tiers.

OPTION: Change the Pension Multiplier Factor in the Computation Of Pension Benefits for Newly Hired Civilians

Savings:

\$6.8 million in 2013, \$14.5 million in 2014, \$23.3 million in 2015; increasing in later years

UNDER STATE LAW, most civilian city employees retiring at age 57 or above and with less than 20 years of service receive pensions equal to 1.67 percent times years of service times final average salary. For those with 20 to 30 years of service, the formula is 2.0 percent times years of service times final average salary, so earning a pension equal to 50 percent of final average salary requires 25 years of creditable service.

Under this option, the new formula for workers with 20 to 30 years of service would be 1.85 percent times years of service times final average salary, leaving the rest of the defined-benefit formula intact. With the 1.85 percent multiplier, a pension equal to 50 percent of final average salary would require 27 years of creditable service.

There would be no change for those who retire with less than 20 years of service. As with other pension changes, this option would only apply to new employees and would require state legislation. Savings would begin three years after enactment, and then grow steadily for many years as the fraction of employees subject to the new rules increased.

PROPONENTS MIGHT ARGUE that because definedbenefit pension plans are increasingly rare, the city can make cost-saving changes to its defined-benefit plans with minimal effect on its ability to recruit workers. They might also note that some other public pension systems have pension multiplier factors lower than New York's. The pension multiplier in New Jersey is 1.82 percent times years of service times final average salary. They might also argue that this change could help with retention, because employees might stay for an additional two years to get a full 50 percent. Finally, they might note that by encouraging workers to delay retirement, this proposal would eventually produce savings on retiree health benefits; these savings would not be realized for many years, however, since retiree health benefits, unlike pensions, are funded on a pay-asyou-go basis.

OPPONENTS MIGHT ARGUE that New York City will have difficulty recruiting a strong workforce if pension benefits are eroded because the relatively generous city benefits package has compensated for the lower wages offered by the city, as compared to the private sector. They also might argue that creation of a new pension tier would result in workers in the same job title getting different pension benefits depending only on the date they began employment, which in turn could lead to discord among the city workforce and reduce productivity—a common problem in systems with multiple benefit tiers.

OPTION: Institute a New Defined-Contribution Pension Plan for Civilian Workers

Savings:

\$9.6 million in 2013 and \$19.9 million in 2014; increasing in later years

MOST FULL-TIME NEW YORK CITY CIVILIAN non-pedagogical employees are members of either the New York City Employees Retirement System (NYCERS) or the Board of Education Retirement System (BERS), which covers the education department's non-pedagogical employees. Both pension plans provide defined benefits, meaning that benefit levels are determined under state law by a formula that takes into account years of service and earnings history. Employees contribute a fixed percentage of earnings for a specified period, and the city contributes the amount necessary to ensure that the expected benefits will be paid. Most new employees are eligible to retire with benefits at age 57, provided they have at least five years of creditable NYCERS or BERS service.

This proposal would establish a new defined-contribution pension plan to replace the current NYCERS and BERS defined-benefit plans for newly hired non-pedagogical civilian workers. The city would contribute 7 percent of each employee's salary to a 457-type account, and the employee could make additional tax-deferred contributions up to the legal limit. Employees would control their individual portfolios, given a menu of investment options. Workers and retirees under the older pension rules would not be affected by these changes.

Savings for the city would depend on both the city's specific contribution rate defined in the new system and the amount the city would have contributed to existing defined-benefit funds. The latter depends on expected investment returns on pension funds, employees' work and salary histories, retiree longevity, and provisions of the pension plans under state law. IBO estimates that pension costs for new employees would initially decline about \$8.9 million for NYCERS and about \$0.6 million for BERS. Assuming no significant change in the city's contribution rate under the defined-benefit plan, the savings would rise gradually over time as the share of workers in the defined-contribution plan and their average tenure rose. However, the savings from a shift to defined-contribution pensions could vary greatly over time because all of the variables that determine the city contribution to the defined-benefit plan can change significantly. For example, market earnings on investments can rise or fall, large numbers of workers can retire earlier or later than expected, and retirees can live longer than assumed.

PROPONENTS MIGHT ARGUE that this proposal would provide significant savings to the city while giving city workers additional flexibility in their retirement savings because workers who leave city service could roll their defined-contribution plan balances into an Individual Retirement Accounts or other employer plans, a particularly attractive feature for younger and more mobile workers. If there is concern about workers leaving city employment too quickly with the city's contribution, the plan might be modified to require a minimum number of years of service before the city's contribution and accumulated earnings on that contribution would become portable. OPPONENTS MIGHT ARGUE that a switch to a definedcontribution plan would transfer market risk from the city to its workforce. They could point out that some workers might have lower benefit levels than provided by the current plan, particularly if they retire shortly after a market downturn. Opponents might argue that retention could be hurt by the switch because the current defined-benefit plan rewards long-term service by eliminating the three-percent contribution made by workers at 10 years and significantly increasing benefits per year of service at 20 years; the proposed plan would not have comparable thresholds. Opponents might also note that defined-contribution plans do not protect workers who become disabled before retirement, unlike traditional pension plans which offer disability benefits.

OPTION: Merge Separate City Employee Pension Systems

Savings:

\$9.6 million in 2011, \$14.4 million in 2012, and \$21.0 million in 2013

NEW YORK CITY CURRENTLY HAS FIVE RETIREMENT SYSTEMS: The New York City Employees' Retirement System (NYCERS), the New York City Teachers' Retirement System, the Board of Education Retirement System (BERS), the Police Pension Fund, and the Fire Pension Fund. In contrast, the state has only three retirement systems. This option would merge the city's Police and Fire Pension Funds for uniformed police and fire personnel, and merge the Board of Education Retirement System with NYCERS. Either merger would require a change in state legislation.

BERS covers civilian, non-pedagogical personnel employed by the New York City Department of Education. NYCERS covers most other civilian and some uniformed city employees. Both retirement systems offer similar benefits to civilian employees in terms of pension eligibility, pension calculations, and creditable service. A key difference involves BERS's administration of the Section 403 (b) tax-deferred fixed and variable investment programs, which NYCERS does not offer to its members. The Police and Fire Pension Funds also have very similar retirement plans. The main differences between them relate to some actuarial assumptions and a few plan provisions, such as the Police Pension Fund's treatment of unpaid child care leave as creditable pension time.

The estimated savings would come from reduced staffing made possible by greater administrative efficiency, lower fees for investment fund advisors and program managers due to better bargaining power, and real estate savings. At present, the ratio of members (active and retired) to pension fund staff in NYCERS is 80 percent higher than the BERS ratio, and the Police Pension Fund member-to-staff ratio is 90 percent higher than the ratio for the Fire Pension Plan. IBO assumes that each of the new pension systems resulting from the two mergers would have member-to-staff ratios closer to but not as high as the ratios of the relatively more efficient current systems, NYCERS or the police pension plan. Savings on the investment fees paid by the funds depend not only on what the merged funds' fees would be, but also on factors such as portfolio size, the larger the combined portfolio, the bigger the savings. For the police and fire pension fund merger, IBO projects savings of \$8 million in the first year and then \$11.7 million and \$17.1 million in the next two years, as staff size declines with attrition. For the NYCERS and BERS merger, expected savings are \$1.6 million in the first year, rising to \$2.7 million in the second and then \$3.9 million in the third year.

These mergers would involve some one-time costs, including moving, training, and portfolio adjustment, which would offset some savings initially. However, the city could also have additional annual savings, as fewer audits by the Comptroller and less oversight activity by elected officials and other agencies would be required with the plans merged. These costs and benefits are not reflected in IBO's projected savings.

PROPONENTS MIGHT ARGUE that maintaining separate systems for very similar pension plans—each with its own array of administrative costs—is simply wasteful. They might also argue that BERS, in particular, is an artifact of the Board of Education era and thus is no longer necessary. Also in the case of BERS, a merger could free up building space for the Department of Education. OPPONENTS MIGHT ARGUE that New York City recently tried to merge BERS into the Teachers Retirement System but the state Legislature decided against the proposal, in part because of union opposition. In the case of the fire and police systems, one might also argue that there are cultural and occupational characteristics unique to each uniformed force that may make the merger undesirable to many of its members.

OPTION: Bonus Pay to Reduce Sick Leave Usage Among Correction Officers

Savings: \$4.5 million annually

AT PRESENT, UNIFORMED POLICE, fire, correction, and sanitation personnel are contractually entitled to unlimited sick leave. This proposal would have the Department of Correction make bonus payments to correction officers who use three or fewer sick days in a consecutive six-month period. The goal would be to induce a reduction in the costly use of sick leave, thereby resulting in net financial savings. If successful, such an incentive program could be adopted by the city's other uniformed agencies.

The sick leave rate for uniformed correction personnel has been higher than that of their sanitation, police, and fire counterparts each year since 1990. The costliness of sick leave usage by correction officers stems from the fact that the city's jails contain numerous "fixed" posts that must be staffed at all times. As a result, additional staff is scheduled to work in each jail in anticipation that some number of the staff will call in sick. Also, officers completing their scheduled shift are frequently required to work a second shift on overtime to fill a post left unstaffed as a result of colleagues calling in sick.

This proposal, which would require collective bargaining, would reward correction officers who use no sick days in a six-month period with a bonus equal to 0.5 percent of base salary. Officers who use one, two, or three sick days would receive bonuses equal to 0.375 percent, 0.250 percent, and 0.125 percent of annual base salary, respectively. Although use of four or more sick days would result in forfeiture of bonus pay for that period, all officers would be entitled to start with a "clean slate" at the beginning of the next six-month period.

The average base salary for correction officers is currently \$ 56,579. Therefore, the bonus for an officer who uses no sick days in a six-month period would be \$283 and drop to \$71 for an officer using three days. To achieve net savings, the proposal would need to reduce the costliness of sick leave usage by an amount greater than the sum paid out in bonus pay. For example, enticing staff that currently average three to ten sick days per year to reduce their sick leave usage by three days would yield \$4.5 million in net savings for the city.

PROPONENTS MIGHT ARGUE that numerous state and local governments reap savings by monetarily rewarding personnel (including law enforcement personnel) who limit their usage of sick leave. Proponents also might argue that even if the proposal resulted in only minimal net savings, the payment of a bonus to officers who demonstrate very high rates of attendance would rightly offer them a tangible reward they deserve. OPPONENTS MIGHT ARGUE that city employees should refrain from abusing their sick leave privileges without a reward system enticing them to do so. On practical grounds, opponents might argue that some particularly cost-conscious correction officers may report to work on days on which they are truly ill so as to not lose bonus pay, thereby potentially jeopardizing the safety and health of inmates and fellow officers. They also might argue that officers whose assignments expose them to greater stress and risk of getting sick would end up unfairly losing bonus pay as a result of legitimate sick leave usage.

OPTION: Consolidate the Administration of Supplemental Benefit And Welfare Benefit Funds for City Employees

Savings: About \$12.2 million annually

SINCE 1971, NEW YORK CITY HAS paid money to the various unions that represent city employees so that the unions can supplement the nonwage employment benefits provided by the city. Over 70 union-administered welfare funds use this money to offer members a range of additional benefits, including dental and vision coverage. Consolidating these supplemental health and welfare benefit funds into a single fund which would serve all union members would yield savings because of economies of scale in administration and enhanced bargaining power when negotiating prices for services with contractors. Although the specific benefits packages offered to some members may change, IBO expects no benefit reduction will be required because of consolidation of the funds.

Using data from the 2006 audit of the union benefit funds (the most recent available), IBO estimates that the city contributed approximately \$1 billion to 66 supplemental benefit funds, of which more than \$77.6 million, or 7.7 percent of the total city contribution, was used to cover administrative expenses. (All 2006 dollar amounts have been adjusted for inflation to 2010 values.) The data show wide variation among union benefit funds in the amount spent on administrative expenses per employee, from \$51 at the bottom to \$501 at the top, with a median of \$156.

District Council 37's benefit fund, which has one of the largest memberships, spent about \$113 per member on administration in 2006. If the proposed consolidated benefits fund matched District Council 37's administrative cost per member, the city could save about \$12.2 million annually, without reducing the amount of city funding available for actual benefits. Implementing the proposed consolidation of benefit funds would require the approval of the unions through collective bargaining negotiations.

PROPONENTS MIGHT ARGUE that consolidating the administration of the supplemental benefit funds would produce savings for the city without reducing member benefits. They might also contend that a centralized staff dedicated solely to benefit administration could improve the quality of service provided to members of funds that lack full-time benefit administrators now. OPPONENTS MIGHT ARGUE that because each union now determines the supplemental benefit package offered to its members based on its knowledge of member needs, workers could be worse off if benefit packages change. Opponents might also claim that a consolidated fund administrator will not respond to workers' varied needs as well as union administrators.

OPTION: Health Insurance Contribution by City Employees and Retirees

Savings: \$385.2 million in 2011, \$416.2 million in 2012, and \$449.6 million in 2013

THE CITY'S HEALTH INSURANCE COSTS have increased sharply over the past decade. Savings could be achieved by renegotiating municipal workers' health care benefit package to shift a portion of the health insurance premium costs to active employees and retirees. Specifically, employees and retirees (approximately 565,000 New York City health care plan enrollees) would contribute 10 percent of the cost of their health insurance premiums for individual and family coverage. Implementation of this proposal would have to be negotiated with the respective municipal unions.

Approximately 92 percent of active city health insurance enrollees select either General Health Incorporated or Health Insurance Plan of New York as their insurer and pay no premiums. The majority of public- and privatesector employers require some copayment towards health insurance premiums. New York State employees are required to pay 10 percent toward the cost of individual coverage and 25 percent of the additional costs of family coverage. Under this option, current employees and retirees would contribute 10 percent of the current New York City health insurance contribution rate for both individuals and families on a pre-tax basis.

PROPONENTS MIGHT ARGUE that this proposal generates recurring savings for the city and potential additional savings by giving city employees the incentive to become more cost conscious and to work with the city to seek lower premiums. It will also provide greater incentives for unions to work with the city to aggressively seek lower health care premiums. Proponents also might argue that given the dramatic rise in health insurance costs, premium cost sharing could prevent a reduction in the level of coverage and service provided to city employees. Additionally, proponents could argue that contributing a share of the costs in a defined-benefit health insurance plan would be preferable to shifting to a defined-contribution plan (e.g., a health care reimbursement arrangement), where the city gives the employee a fixed amount of money for the employee to purchase health insurance. Finally, they could note that employee copayment of health insurance premiums is common practice in the private sector, and becoming more common in public-sector employment.

OPPONENTS MIGHT ARGUE that requiring employees and retirees to contribute more for health insurance would be a burden, particularly for low-wage employees and fixed-income retirees. Critics could argue that cost sharing would merely shift the burden of rising premiums onto employees, with no guarantee that slower premium growth would result. Also, opponents fear that once cost sharing is in place, the city would be more likely to ask employees to bear an even larger share of the costs if health insurance premiums continue to rise. Finally, critics will argue that many city employees, particularly professional employees, are willing to work for the city despite higher private-sector salaries because of the attractive benefits package. Thus, the proposed change could hinder the city's effort to attract or retain talented employees, especially in positions that are hard to fill.

OPTION: Paid Holidays Only After Three Months of Employment

Savings:

\$12.3 million in 2011, \$12.8 million in 2012, and \$13.4 million in 2013

MOST FULL-TIME NEW YORK CITY EMPLOYEES are eligible for 12 paid holidays annually, starting from their date of appointment. Thus, a city employee who starts on November 1 is eligible for three paid holidays (Election Day, Veterans Day, and Thanksgiving Day) during their first month of service. Under this proposal, new employees would not receive holiday pay until they completed three months of city service.

Newly hired uniformed employees who get biannual holiday pay would get a pro-rata one-time deduction in holiday pay to account for holiday pay ineligibility during the first three months of employment. For newly hired civilian employees, including teachers, any holidays that occur during the first three months of employment would either not be paid, or—depending on the title and needs of the department—be paid only if the employee works the holiday.

While New York City can unilaterally implement this proposal for its nonunion workforce, the city would need to negotiate with the affected unions to implement it for union members.

PROPONENTS MIGHT ARGUE that this proposal is a relatively painless way to save money by asking new employees to bear a nonrecurring cost during a relatively brief period. They might note that many private-sector union contracts and even some public-sector union contracts have such service requirements. They might also argue that it is prudent to offer holiday benefits only to employees who have a reasonable expectation of long-term employment with the city. Additionally, proponents might argue that because this proposal only affects new hires, it would be more acceptable to current city workers and their unions than other cost-cutting measures, such as layoffs.

OPPONENTS MIGHT ARGUE that this proposal puts a burden on the city's new workers, rather than spreading it more broadly. They might also argue that new employees who start at low wage rates would be particularly hard hit by the lost pay under this provision, and few of these workers would have the option of working on the holiday or another time to avoid the loss of pay.

OPTION: Increase Private Insurance Payments for Early Intervention

Savings:

\$11 million annually

APPROXIMATELY 25 PERCENT OF CHILDREN enrolled in the Early Intervention (EI) program have private insurance. By law, the city is supposed to bill these insurers for EI services, then bill Medicaid for services for Medicaid-eligible children; costs paid neither by private insurance nor by Medicaid are divided equally between the city and the state. But while the city has successfully increased the share of costs paid by Medicaid, the fraction paid by private insurance is still extremely low–less than 4 percent in 2009.

A bill recently introduced in the state Legislature, A.3719, would increase insurance payments for EI by requiring insurers to cover EI services and by prohibiting denial of EI claims on the grounds that the claims were not preauthorized, not medically necessary or not eligible given the duration of a child's condition, not referred by the child's primary care physician, or because medical care had been provided by an out-of-network provider. Since the majority of denials of EI claims by insurers are for reasons covered by A.3719, this has the potential to significantly increase private insurance revenue for the program. In states with similar laws, such as New Jersey, Connecticut, and Massachusetts, the fraction of EI costs covered by private insurance ranges from 10 percent to 60 percent.

The share of EI costs covered by private insurance is likely to be lower in New Yor than in other states because, in New York–unlike New Jersey, Connecticut, and Massachusetts–the majority of EI families do not have private insurance. Under the proposed legislation, IBO projects that at least 17 percent of the 317,000 annual claims denied by private insurers would be paid, yielding an estimated \$21 million in revenue, divided equally between city and state. Additional administrative costs would be modest because the city already submits claims for all children for whom private insurance information is available.

PROPONENTS MIGHT ARGUE that it is appropriate for private health insurers to pay for Early Intervention, given the program's clear health benefits. They might further argue that given the incentives facing insurers, they will inevitably seek to shift costs to taxpayers, so proactive measures such as this are needed to preserve an appropriate balance of costs between the private and public sectors. Finally, they might argue that the city's success in increasing Medicaid payments for EI, and the effectiveness of similar laws in other states, demonstrates the potential of improved claiming as a way of offsetting costs for this valuable but costly program. OPPONENTS MIGHT ARGUE that taking advantage of the new law would require more aggressive claiming, the cost of which could offset much of the savings, and that insurers will simply find new grounds not explicitly prohibited on which to deny claims. In addition, they might argue that the city should be seeking genuine cost reductions in the program, rather than simply shifting costs to insurers, especially since insurers will likely try to pass them on in the form of higher premiums. And they might argue that the necessity for state legislation makes this an unlikely source of near-term savings for the city in any case.

OPTION: Increase State Reimbursement for Certain Criminal Justice Costs

Savings:

\$27 million annually

UNDER CURRENT NEW YORK STATE LAW, certain criminal justice costs are shared between local governments and the state. Over time, the state's reimbursement for probation services has declined; this option would raise the state's reimbursement rate for probation services to 50 percent. In addition, new city-funded alternative programs with the potential to avoid costly placement of juvenile delinquents have been developed in recent years. This option would have the state and city share the costs of these alternative programs equally—potentially generating savings for both the city and the state, which bears the full cost of incarceration of adult felons, and half the cost of placement of juvenile delinquents.

Under New York State's Executive Law 246, the state reimburses up to 50 percent of eligible local probation services costs. As recently as 1986, New York State reimbursed county probation departments for nearly 47 percent of their total budgets. However, the amount of state funding has dropped significantly over the years, and in recent years the state has reimbursed New York City for only about 19 percent of approved expenditures. At the same time the responsibilities of the city's Department of Probation have increased in areas such as DNA testing and sex-offender registration.

The Department of Probation also operates or oversees several programs designed to provide eligible alleged juvenile delinquents with an alternative to detention (ATD) in the city's secure and non-secure detention facilities, and to provide juveniles found to be delinquent with an alternative to placement (ATP) in state custody. To the extent that these programs divert youth from detention and placement, these alternatives—which are far less expensive—save both the city and state money, although they are primarily funded by the city.

Restoring the state's contribution to 50 percent would provide \$23 million each year for New York City probation services, and making ATD and ATP programs eligible for reimbursement would save the city another \$4 million. The support of New York's Governor and Legislature would be required to implement this proposal.

PROPONENTS MIGHT ARGUE that historically the state has been a more equal partner in funding local probation services. If state funding for probation continues to erode, the quality of probation services may suffer, especially given that the city's probation department supervises roughly 39 percent of all probationers in the state and 51 percent of all felons on probation in the state. As probation is an alternative to incarceration, the state benefits directly when felons are placed under probation rather than incarcerated in New York State prisons, for which the state bears the bulk of the cost. Similarly, the costs of ATD and ATP programs should be shared because both the city and state benefit from avoiding the higher costs of detention and placement. Moreover, alternatives allow youth to remain in the community and schools, potentially decreasing recidivism by avoiding difficult transitions from detention or placement back into the community.

OPPONENTS MIGHT ARGUE that New York State Executive Law 246 allows for a statutory cap but does not require a minimum contribution for local probation services. They might also argue that the ATD and ATP programs developed by the city may serve youth who would have otherwise been released to their families pre-adjudication, or placed under supervision postadjudication, and, therefore, would not yield the expected savings.

OPTION: Reduce Medicare Part B Reimbursement By 50 Percent for Retirees

Savings:

\$114.4 million in 2012 and \$121.5 million in 2013

ELIGIBLE CITY RETIREES ARE CURRENTLY ENTITLED to three types of retiree fringe benefits: retiree health insurance, retiree welfare fund benefits, and Medicare Part B reimbursements. Medicare Part B fills some of the gaps in regular Medicare coverage, such as physicians' fees. If a city retiree is 65 or older or is otherwise eligible for Medicare Part B benefits, New York City reimburses the full Medicare Part B premium amounts paid by the employee and their spouse, if eligible. Medicare Part B reimbursement checks are typically mailed out to city retirees in August to cover the previous year's Medicare Part B premiums. For most city retirees (those making less than \$80,000 for an individual or \$160,000 for a couple), the reimbursement amounts for calendar year 2009, which will be paid out in August 2010, will be \$1,157 for individuals and \$2,314 for couples.

Starting during the Koch Administration, the Medicare Part B reimbursement rate, which had been 100 percent, has been reduced several times, so that by 2000, 67 percent of premiums were reimbursed. In 2001 the City Council restored the 100 percent reimbursement rate over Mayor Giuliani's veto.

Under this option, New York City would reduce Medicare Part B reimbursements to 50 percent. Calendar year 2010 Medicare Part B reimbursements, which would be paid in August 2011, would be 50 percent of the expected annual Medicare Part B premiums (which are scheduled to remain at 2009 levels): \$1,157 for each of about 99,000 individuals and \$2,314 for each of about 49,300 eligible couples. For fiscal year 2012, the city savings would be about \$114.4 million. This budget option would require appropriate legislation passed by the City Council.

PROPONENTS MIGHT ARGUE that this change is warranted because the city already provides 100 percent funding for secondary insurance for retirees, and most retired city employees also receive welfare fund benefits that include prescription drugs and require no premium cost sharing. With these benefits and the Part B reimbursement, most city retirees currently pay nothing toward the costs of their health care coverage. Proponents might also note that many employers do not offer Medicare Part B reimbursements as part of the retiree fringe benefit package at all, and those who do typically reimburse a fraction rather than the entire premiums. Boston, for example, has a 50 percent Medicare Part B reimbursement program for eligible retirees. Therefore, reimbursing 50 percent of the premiums is still a generous benefit, especially considering that Part B premiums are expected to continue rising. Finally, proponents might note that unlike most other possible benefits changes, this option would require neither state legislation nor collective bargaining.

OPPONENTS MIGHT ARGUE that this reduction in the Medicare Part B reimbursement rate was already tried by previous administrations and rejected by the City Council. They might also note that this reduction in the Medicare Part B reimbursement rate will have a disproportionate impact on lower-income retirees, many of whom may struggle to survive on their pension and Social Security checks. Moreover, opponents might argue, many individuals accepted city employment based on their expectation that the current fringe benefits for retirees would remain intact—an implicit promise that should not be broken. Finally, opponents might argue that unilaterally cutting retiree benefits could hurt the city's ability to recruit qualified employees.

OPTION: State Reimbursement for Inmates in City Jails Awaiting Trial for More Than One Year

Savings: \$72.4 million annually

AT ANY GIVEN TIME about two-thirds of the inmates in Department of Correction (DOC) custody are pretrial detainees. A major determinant of the agency's workload and spending is therefore the swiftness with which the state court system processes criminal cases. Throughout the adjudication process, detention costs are almost exclusively borne by the city regardless of the length of time it takes criminal cases to reach disposition. The majority of long-term DOC detainees are eventually convicted and sentenced to multiyear terms in the state correctional system, with their period of incarceration upstate (at the state's expense) shortened by that period of time already spent in local jail custody at the city's expense. Therefore, the quicker the adjudication of court cases involving defendants detained in city jails and ultimately destined for state prison, the smaller the city's share of total incarceration costs.

Existing state court standards call for no felony cases in New York State to be pending in Supreme Court for more than six months at the time of disposition. In calendar year 2008, however, over 1,500 convicted prisoners from the city had already spent more than a year in city jails as pretrial detainees.

If the state reimbursed the city only for local jail time in excess of one year at the city's average cost of \$199 per day, the city would realize annual revenue of about \$72.4 million. It should be stressed that the reimbursement being proposed in this option is separate from what the city has been seeking for several years for other categories of already convicted state inmates temporarily held in city jails for a number of reasons (e.g., parole violations and newly sentenced "state readies"). The reimbursement sought with this option is associated with long-term pretrial detention time served by inmates who are later convicted and sentenced to multiyear terms in the prison system.

PROPONENTS MIGHT ARGUE that the city is unfairly bearing a cost that should be the state's, and that the city has little ability to effect the speedy adjudication of cases in the state court system. They could add that imposing what would amount to a penalty on the state for failure to meet state court guidelines might push the state to improve the speed with which cases are processed. In addition, the fact that pretrial detention time spent in city jails is ultimately subtracted from upstate prison sentences means that under the existing arrangement the state effectively saves money at the city's expense. OPPONENTS MIGHT ARGUE that many of the causes of delay in processing criminal cases are due to factors out of the state court's direct control, including the speed with which local district attorneys bring cases and the availability of defense attorneys, among other things. Furthermore, given that a disproportionate number of state prisoners are from New York City, calling upon the city to bear the costs associated with long-term detention constitutes an appropriate shifting of costs from the state to the city.

Revenue Options

\$694 million in 2011, \$816 million by 2014

ONE OPTION TO INCREASE CITY REVENUES would be to restore the nonresident earnings component of the personal income tax (PIT), known more commonly as the commuter tax. Beginning in 1971, when it was established, the tax had equaled 0.45 percent of wages and salaries earned in the city by commuters and 0.65 percent of self-employment income. Ten years ago the New York State Legislature repealed the tax, effective July 1, 1999. If the Legislature were to restore the commuter tax at its former rates effective on July 1 of this year, the city's PIT collections would increase by an estimated \$694 million in 2011, \$755 million in 2012, \$804 million in 2013, and \$816 million in 2014.

PROPONENTS MIGHT ARGUE that people who work in the city, whether a resident or not, rely on police, fire, sanitation, transportation, and other city services and thus should assume some of the cost of providing these services. Revenue from the tax could be dedicated to specific uses that are likely to benefit commuters, such as transportation infrastructure or police, fire, and sanitation in business districts. If New York City were to tax commuters, it would hardly be unusual: New York State and many other states, including New Jersey and Connecticut, tax nonresidents who earn income within their borders. Moreover, with tax rates between roughly a fourth and an eighth of PIT rates facing residents, it would not unduly burden most commuters. Census Bureau data on the numbers and earnings of commuters and city residents working in the city indicates that in 2006 commuters on average earned \$111,500, compared to residents' average earnings of \$62,700. Also, by lessening the disparity of the respective income tax burdens facing residents and nonresidents, reestablishing the commuter tax reduces the incentive for current residents working in the city to move out. Finally, some might argue for reinstating the commuter tax on the grounds that the political process which led to its elimination was inherently unfair in spite of various court rulings upholding the legality of the elimination. By repealing the tax without input from or approval of either the City Council or then-Mayor Giuliani, the state Legislature unilaterally eliminated a significant source of city revenue.

OPPONENTS MIGHT ARGUE that reinstating the commuter tax would adversely affect business location decisions because the city would become a less competitive place to work and do business both within the region and with respect to other regions. By creating disincentives to work in the city, the commuter tax would cause more nonresidents to prefer holding jobs outside of the city. If, in turn, businesses find it difficult to attract the best employees for city-based jobs or self-employed commuters (including those holding lucrative financial, legal, advertising, and other partnerships) are induced to leave the city, the employment base and number of businesses would shrink. The tax would also make the New York region a relatively less attractive place for businesses to locate, thus dampening the city's economic growth and tax base. Another argument against the commuter tax is that the companies that commuters work for already pay relatively high business income and commercial property taxes, which should provide the city enough revenue to pay for the services that commuters use. Finally, at the time that the state Legislature repealed the commuter tax, suburban legislators argued that it was fair to provide commuters with a tax cut because city residents had benefited greatly from the elimination of the 12.5 percent ("criminal justice") surcharge, which in terms of absolute dollar amounts (though not percentage terms) is about one-third greater than the nonresident tax that was repealed.

\$1.3 billion in 2011, \$1.7 billion by 2014

ANOTHER OPTION TO INCREASE CITY REVENUES would be to establish a progressive commuter tax—one in which commuters with higher incomes are taxed at higher rates, similar to how city residents are taxed though at only one-third the resident rates. Regardless of where it is earned, the commuter's entire taxable income would be subject to a progressively structured tax, though the resulting liability would then be reduced in proportion to the share of total income actually earned in New York—comparable to how New York State taxes nonresidents who earn some or all of their income within its borders. Mayor Bloomberg proposed such a tax in November 2002, but he called for taxing city residents and commuters at the same rates. Enacting this proposal requires state approval. If a progressive commuter tax at one-third the rates of the resident tax (0.97 percent in the lowest tax bracket to 1.22 percent in the highest) were to begin on July 1, 2010, the boost to city revenues would be substantial: \$1.3 billion in 2011, \$1.4 billion in 2012, \$1.6 billion in 2013, and \$1.7 billion in 2014.

PROPONENTS MIGHT ARGUE that people who work here, whether a resident or not, rely on basic city services, so commuters should bear some portion of the cost of providing these services. Because it would tax upperincome families at higher rates than it would moderateincome families, a progressive commuter tax would be fairer than the former tax, which taxed income earned in the city at flat rates (0.45 percent of wages and salaries and 0.65 percent of self-employed income). As estimated for calendar year 2010, just over half of all commuters will have annual incomes above \$125,000 (compared with 8.8 percent of all city resident filers); this group would also be responsible for about 88 percent of the commuter tax liability, so the tax would primarily be borne by households who can best afford it. Moreover, residents of New Jersey and Connecticut, who constitute most out-of-state commuters and tend to have higher city-based incomes than do in-state commuters, would be able to receive a credit against their state personal income tax for a portion of their commuter tax liability, thus offsetting some of their additional tax burden. To a greater extent than just restoring the old tax, a progressive commuter tax would lessen the disparity of the respective income tax burdens facing residents and nonresidents and thus reduce the incentive for current residents working in the city to move out.

OPPONENTS MIGHT ARGUE that any commuter tax would adversely affect business location decisions because the city would become a less competitive place to work and do business both within the region and with respect to other regions. The adverse economic effects of the proposed progressive tax would be worse than those of the former commuter tax because the progressive tax's rate would be higher; average tax liability in 2011 would be an estimated \$1,609. By creating disincentives to work in the city, the commuter tax would cause more nonresidents to prefer holding jobs outside of the city. If, in turn, businesses that find it difficult to attract the best employees for city-based jobs or self-employed commuters (including those holding lucrative financial, legal, advertising, and other partnerships) are induced to leave the city, the employment base and number of businesses would shrink. The tax would also make the New York region a relatively less attractive place for new businesses to relocate. Another possible argument against the commuter tax is that the companies that commuters typically work for already pay relatively high business income taxes and high commercial property taxes, which should provide the city enough revenue to pay for the services that commuters use.

\$491 million in 2011, \$678 million by 2014

UNDER THIS OPTION, THE MARGINAL TAX RATES OF HIGH-INCOME NEW YORKERS would be increased. Currently, the highest of the four personal income tax (PIT) brackets begins at \$50,000 of taxable income for single filers, \$90,000 of taxable income for joint filers and \$60,000 for heads of households. The effective marginal tax rate in the top bracket is 3.65 percent (the 3.2 percent base rate multiplied by the 14 percent surcharge). This option would create two additional tax brackets at the top. The fifth bracket would begin at \$125,000 for single filers, \$225,000 for joint filers, and \$150,000 for heads of household, and with the surcharge its marginal rate would be 3.92 percent. The top bracket would begin at \$250,000 for singles, \$450,000 for joint filers, and \$300,000 for heads of household, with an effective rate of 4.20 percent.

This option is similar in structure to the 2003–2005 PIT increase that raised upper-income tax burdens, but the income levels defining the top brackets are different and the increases in marginal rates are 0.25 percentage points less than those in effect from 2003 to 2005. This option also differs in that it does not include the 2003–2005 "recapture provisions" under which some or all of taxable incomes not in the highest brackets were taxed at the highest marginal rates. If the higher rates of this proposal went into effect at the beginning of fiscal year 2011, the city would receive an additional \$491 million of PIT revenue in 2011, rising to \$678 million by 2014. This tax change would require approval by the state Legislature.

PROPONENTS MIGHT ARGUE that the recent PIT increases would provide a substantial boost to city revenues without affecting the vast majority of city residents. Only 8.4 percent of all city resident tax filers in 2011 would pay more under this proposal; all of them would have adjusted gross incomes above \$125,000. There is no evidence that these affluent New Yorkers left the city in response to the recent three-year tax increase, even with a larger state income tax increase also enacted at the same time. Also, this proposal avoids burdensome recapture provisions and features far smaller tax increases than those enacted from 2003 to 2005, so most of the affected taxpayers would bear less of a tax increase than they did previously. Finally, for taxpayers who do not pay the alternative minimum tax and are able to itemize deductions, increases in city PIT burdens would be partially offset by reductions in federal income tax liability, lessening incentives for the most affluent to move from the city.

OPPONENTS MIGHT ARGUE that New Yorkers are already among the most heavily taxed in the nation and a further increase in their tax burden is likely to induce movement out of the city. New York is one of only three among the largest U.S. cities to impose a personal income tax, and its PIT burden is second only to Philadelphia's. Tax increases only exacerbate the city's competitive disadvantage with respect to other areas of the country. Even if less burdensome than the 2003-2005 increase, city residents earning more than \$500,000 would pay, on average, an additional \$9,500 in income taxes in calendar year 2011. These taxpayers are projected to account for almost 56 percent of the city's PIT revenue in that year, were the option to be enacted. If 5 percent of them were to leave the city in response to higher taxes, this option would yield \$191 million less PIT revenue per year (assuming those moving had average tax liabilities for the group). Opponents could also argue that an increase in the city's PIT any time soon would be especially ill-timed, given the roughly 30 percent increase in the state's own PIT rate imposed on these same taxpayers through 2011.

OPTION: Restructure Personal Income Tax Rates To Create a More Progressive Tax

Revenue:

\$387 million in 2011, \$566 million by 2014

THIS OPTION WOULD CREATE A MORE PROGRESSIVE STRUCTURE of the personal income tax's (PIT) rates by reducing marginal rates in the bottom income brackets and raising marginal rates at the top. Unlike the temporary 2003-2005 PIT increase affecting upper-income filers, this option would provide tax cuts to most resident tax filers and a lasting boost to city tax collections.

The tax rates with the 14 percent surcharge included would be as follows: The lowest marginal rate would be reduced from 2.91 percent to 2.68 percent, and the next highest rate would be reduced from 3.53 percent to 3.36 percent. The rates and income range of the third bracket would remain the same but the top bracket would now become divided into three groups. A new fourth bracket with a slightly increased rate of 3.82 percent would end at incomes of \$125,000 for single filers, \$225,000 for joint filers, and \$150,000 for heads of households (single parents). The next bracket would have a marginal rate of 3.92 percent for incomes up to \$250,000, \$450,000, and \$300,000 for single, joint, and head of household filers, respectively. The marginal rate in the new top bracket would be 4.20 percent, a 0.55 percentage point increase over the current top rate. This option does not include "recapture provisions," so taxpayers in the top brackets would again benefit from the marginal rates in the lower brackets of the tax table.

If the new rates were approved by the state and went into effect at the beginning of fiscal year 2011, the city would receive an additional \$387 million in PIT revenue in 2011, growing to \$566 million by 2014.

PROPONENTS MIGHT ARGUE that a progressive restructuring of PIT base rates would simultaneously achieve several desirable outcomes: a lasting increase in city tax revenue, a tax cut for the majority of filers, and a more progressive tax rate structure. Restructuring would significantly heighten the progressivity of the PIT, which had been made less so in 1996 when the number of tax brackets was reduced. Restructuring has the advantage of providing tax cuts to and raising the disposable incomes of a large numbers of filers. A projected 74 percent of all tax filers would receive a tax cut in calendar year 2011. Finally, for many taxpayers who itemize deductions on their federal returns, increases in city PIT burdens would be partially offset by reductions in federal income tax liability, lessening disincentives for the most affluent to remain city residents.

OPPONENTS MIGHT ARGUE that if the principal goal of altering the PIT is to raise revenue, this option is somewhat inefficient. For tax year 2011, the reductions in base rates in the bottom two tax brackets decrease the revenue-raising potential of the accompanying increases by about \$104 million. Furthermore, while many filers who are not affluent would receive tax cuts under restructuring, filers with incomes above \$1 million would still see their PIT liabilities rise on average by an estimated \$146,000 in 2011. This large an increase could cause at least some of the most affluent to leave the city. If only 5 percent of "average" millionaires (about 1,100 filers) were to leave town, this option would yield \$146 million less in PIT revenue per year, and over time this revenue loss would be further compounded by reductions in other city tax sources. Finally, in the coming years more New Yorkers will become subject to the federal alternative minimum tax, which does not allow taxpayers to deduct state and local tax.

OPTION: Extend the Mortgage Recording Tax

Revenue:

\$60 million in 2011, \$65 million in 2012, and \$70 million in 2013

THE MORTGAGE RECORDING TAX (MRT) is levied on the amount of the mortgage used to finance the purchase of houses, condo apartments, and all commercial property. It is also levied when mortgages on such properties are refinanced. The residential MRT tax rate is 1.0 percent of the value of the mortgage if the amount of the loan is under \$500,000, and 1.125 percent for larger mortgages. Currently, sales of coop apartments are not subject to the MRT, since coop financing loans are not technically mortgages. Extending the MRT to coops was initially proposed in 1989 when the real property transfer tax was amended to cover coop apartment sales.

The change would require the state Legislature to broaden the definition of financing subject to the MRT to include not only traditional mortgages but also loans used to finance the purchase of shares in residential cooperatives. The Governor included this proposal in the budget he proposed in January and the Mayor subsequently included it in his Preliminary Budget as well. IBO estimates that extending the MRT would raise \$60 million in 2011, increasing to \$65 million in 2012 and \$70 million in 2013, as the residential real estate market slowly recovers.

PROPONENTS MIGHT ARGUE that this option serves the dual purpose of increasing revenue and ending the inequity that allows cooperative apartments to avoid a tax that is imposed on transactions involving other types of real estate.

OPPONENTS MIGHT ARGUE that the proposal will increase costs to coop purchasers, resulting in depressed sales prices and ultimately lower market values.

\$105 million in 2012 and \$245 million to \$290 million in fifth year

UNDER CURRENT LAW property tax assessments for Class 1 properties (one-, two-, and three-family homes) may not increase by more than 6 percent per year or 20 percent over five years. For apartment buildings with 4 to 10 units, assessment increases are limited to 8 percent in one year and 30 percent over five years. This option would raise the annual assessment caps to 8 percent and 30 percent for five years for Class 1 properties and to 10 percent annually and 40 percent over five years for small apartment buildings. State legislation would be needed to implement the higher caps and to adjust the property tax class shares to allow the city to recognize the higher revenues.

This change would bring in \$105 million for fiscal year 2012 (with the assessment roll for fiscal year 2011 already largely complete, 2012 is the first year the option could be in effect) and \$245 million to \$290 million annually after five years. These revenue estimates are highly sensitive to assumptions about changes in market values. The average property tax increase in the first year for Class 1 properties would be about \$108.

The assessment caps for Class 1 were established in the 1981 legislation creating the city's current property tax system (S7000a) and first took effect for fiscal year 1983. The limits on small apartment buildings in Class 2 were added several years later. The caps are one of a number of features in the city's property tax system that keeps the tax burden on Class 1 properties low in order to promote homeownership. Assessment caps are one way to provide protection from rapid increases in taxes driven by appreciation in the overall property market that may outstrip the ability of individual owners to pay, particularly those who are retired or on fixed incomes.

Although effective at protecting such owners, it is acknowledged that assessment caps cause other problems. They can exacerbate existing inequities within the capped classes if market values in some neighborhoods are growing faster than the cap while values in other neighborhoods are growing slower than the cap. Moreover, in a classified tax system such as New York's, if only one type of property benefits from a cap, interclass differences in tax burdens will also grow. Beyond these equity concerns, caps can constrain revenue growth if market values are growing at a rate above the cap, particularly if the caps are set lower than needed to provide the desired protection for homeowners' ability to pay.

PROPONENTS MIGHT ARGUE that an increase in the caps would eventually yield significant new revenue for the city. Further, by allowing the assessments on more properties to grow proportionately with their market values, intraclass inequities would be lessened. Finally, by allowing the overall level of assessment in Class 1 and in part of Class 2 to grow faster, the interclass inequities in the city's property tax system would be reduced. OPPONENTS MIGHT ARGUE that increasing the burden on homeowners would undermine the city's goals of encouraging homeownership and discouraging the flight of middle-class taxpayers to the suburbs. Other opponents could argue that given the equity and revenue shortcomings of assessment caps they should be eliminated entirely rather than merely raised.

OPTION: Tax Vacant Residential Property the Same as Commercial Property

Revenue:

\$61.3 million in 2011, rising to \$318.1 million per year when fully phased in

UNDER NEW YORK STATE LAW, a vacant property in New York City (outside of Manhattan) which is situated immediately adjacent to property with a residential structure, has the same owner as the adjacent residential property, and has an area of no more than 10,000 square feet is currently taxed as Class 1 residential property. In fiscal year 2011, there are roughly 25,000 such vacant properties. As Class 1 property, these vacant lots are assessed at no more than 6 percent of full market value, with increases in assessed value due to appreciation capped at 6 percent per year and 20 percent over five years. In 2011 the median ratio of assessed value to full market value is expected to be 1.6 percent for these properties.

Under this option, which would require state approval, each vacant lot with an area of 2,500 square feet or more would be taxed as Class 4, or commercial property, which is assessed at 45 percent of full market value and has no caps on annual assessment growth. About 13,600 lots would be reclassified. Phasing in the increase in assessed value evenly over five years would generate \$61.3 million in additional property tax revenue in the first year, and the total increment would grow by \$64.2 million in each of the next four years. Assuming that rates remain at their 2011 levels, property tax revenue in the fifth and final year of the phase-in would be \$318.1 million higher than without this option.

PROPONENTS MIGHT ARGUE that vacant property should not enjoy the low assessment benefits of Class 1 that are meant for housing. They might also argue that this special tax treatment of vacant land discourages residential development, an unwise policy in a city with a critical housing shortage. Proponents might further note that the lot size restriction of 2,500 square feet (the median lot size for nonvacant Class 1 properties in New York City) would not create incentives to develop very small lots, and the city's zoning laws and land use review process also provide a safeguard against inappropriate development in residential areas. OPPONENTS MIGHT ARGUE that the current tax treatment of this vacant land serves to preserve open space in residential areas in a city with far too little open space. Opponents also might have less faith in the power of existing zoning and land use policies to adequately restrict development in residential areas.

OPTION: Collect PILOTs for Property Tax Exemption For Hospital Staff Housing

Revenue: \$29 million annually

UNDER NEW YORK STATE LAW, all properties used by nonprofit hospitals to support their work are exempt from the city's real property tax. In 2010 the total cost to the city of these exemptions was \$488 million. Housing for staff, rather than hospital buildings, accounts for roughly 12 percent of the tax expenditure. In 2010 the tax expenditure associated with the exemption for hospital staff housing was \$58 million. The hospital would make a payment in lieu of taxes (PILOT), either voluntary or through state legislation. A PILOT for half the tax expenditure would generate \$29 million for the city.

While many hospitals save less than \$500,000 in property taxes through the exemption, some of the city's largest, best-known hospitals receive significant tax savings. Based on ownership recorded on the city's assessment roll, the tax expenditure for hospital housing in 2010 totaled \$22.1 million for New York-Presbyterian Hospital, Columbia University and Weill Cornell Medical Centers, \$7.3 million for Memorial Sloan-Kettering Cancer Center, \$4.6 million for Mount Sinai Medical Center, \$2.3 million for Lutheran Medical Center, \$2.3 million for Maimondes Medical Center, \$2.2 million for St. Luke's-Roosevelt Hospital Center, \$2.1 million for Beth Israel Medical Center, \$1.9 million for St. Vincent Catholic Medical Centers, and \$1.3 million for Montefiore Medical Center.

Many hospitals restrict staff housing to residents (house staff). The size of units is determined by family size and the residents pay rent, presumably lower than comparable market rate units. Hospitals often do not have enough units for all house staff.

PROPONENTS MIGHT ARGUE that housing for staff is not directly related to providing medical services, but rather a service that some hospitals choose to provide their staff. Housing is not offered by all hospitals, nor to all staff at a hospital. Additionally, staff members are compensated for their work and should be able to secure housing in the market like other professionals in the city. OPPONENTS MIGHT ARGUE that the long hours typically worked by house staff and the benefit of having staff live near the hospital makes providing hospital staff housing a good policy choice. Additionally, the rents paid by house staff are presumably lower than comparable market rate rents, in which case some of the tax savings are being passed on to doctors in training in the form of a partial housing subsidy. They could note that hospitals facing higher costs when providing housing would seek to shift that burden to the hospital employees, patients and/or government.

OPTION: Repeal the Tax Exemption for Vacant Lots under 420-a and 420-b

Revenue: \$17.5 million annually

SECTIONS 420-A AND 420-B OF THE NEW YORK STATE REAL PROPERTY TAX LAW provide for full property tax exemptions for religious, charitable, medical, educational, and cultural institutions. In 2010 the city issued exemptions to about 12,500 parcels with a total market value of \$40 billion. Of these parcels, 58.5 percent were owned by religious organizations, 19.7 percent by charitable organizations, 9.2 percent by medical organizations, 8.3 percent by educational institutions, 2.5 percent were being considered for nonprofit use, and the remaining 1.7 percent are benevolent, cultural, or historical organizations.

Included among the exemptions were around 1,100 vacant lots with a total market value of \$967 million. The cost to the city for exempting the vacant lots is \$21 million in 2010. The median tax savings was \$2,252. Compared to all parcels receiving these exemptions, 11 percent of vacant lots are exempt because of contemplated not-for-profit use and 25 percent are exempt due to ownership by a charitable institution. Just under a third of the vacant lots are small, less than 2,500 square feet. The median tax expenditure for a small vacant lot is \$552, compared to \$3,211 for a larger vacant lot.

This option, which would require a change in state law, would repeal the exemption for vacant land. Since small parcels may be unsuitable for development, the exemption would be retained for vacant lots less than 2,500 square feet. Ending the exemption for vacant lots 2,500 square feet or larger, owned by organizations that qualify under the existing law would generate \$17.5 million for the city.

PROPONENTS MIGHT ARGUE since the land is undeveloped, it is not being used in active support of the missions of these organizations, which is the rationale for providing the exemption. The tax would provide organizations with an incentive to develop their lots—expanding the services and benefits they bring to the communities. Additionally, the tax that would be levied on any one lot would be relatively small, though organizations with larger, more valuable lots would face greater costs and greater incentive to develop their lots. By excluding small lots, the option would not penalize agencies for owning difficult to develop parcels. Lastly, a further exception could be made for small organizations by allowing vacant land owned by organizations with annual revenues below a certain threshold to remain exempt. OPPONENTS MIGHT ARGUE that repealing the exemption would place additional fiscal burden on organizations that are already stretched to provide critical services in their communities. Additionally, the opponents might argue against providing incentives for development of all vacant land. While technically vacant, the lots may serve a useful purpose for the organization and surrounding neighborhood, such as a playground or a community garden.

OPTION: Eliminate Property Tax Exemption for Madison Square Garden

Revenue: \$15 million in 2011

THIS OPTION WOULD ELIMINATE THE REAL PROPERTY TAX EXEMPTION for Madison Square Garden (MSG). For more than two decades, the garden has enjoyed a full exemption from its tax liability for the property it uses for sports, entertainment, expositions, conventions, and trade shows. In fiscal year 2011, the tax expenditure, or amount of foregone taxes, is expected to be \$15 million. Under Article 4, Section 429 of the Real Property Tax law, the exemption is contingent upon the continued use of Madison Square Garden by professional major league hockey and basketball teams for their home games.

When enacted, the exemption was intended to ensure the viability of professional major league sports teams in New York City. Legislators determined that the "operating expenses of sports arenas serving as the home of such teams have made it economically disadvantageous for the teams to continue their operations; that unless action is taken, including real property tax relief and the provision of economical power and energy, the loss of the teams is likely..." (Section 1 of L.1982, c.459). Eliminating this exemption would require the state to amend this section of the law.

PROPONENTS MIGHT ARGUE that tax incentives are now unnecessary because the operation of Madison Square Garden is almost certainly profitable. Because Madison Square Garden, L.P. owns the Madison Square Garden Network and the Knicks, Liberty, and Rangers teams, it receives game-related revenue from tickets, concessions, and cable broadcast advertising. In addition, Madison Square Garden hosts concerts, theatrical productions, ice shows, the circus, and much more in its arena and theater, and it collects both rent and concession revenue on these events. Proponents also might note that privately owned sports arenas built in recent years in other major cities such as the Fleet Center in Boston and the United Center in Chicago, generally do pay real property taxes-as did MSG from 1968 when it opened until 1982-although some have received other government subsidies such as access to tax-exempt financing and public investment in related infrastructure projects. In the case of MSG, the continuing subsidy, long after the construction costs have been recouped, is at odds with the philosophy that guides economic development tax expenditure policy.

OPPONENTS MIGHT ARGUE that presence of the teams continues to benefit the city economically and that foregoing \$15 million is reasonable compared to the risk that the teams might leave the city. Some also might contend that reneging on the tax exemption would add to the impression that the city is not business-friendly. In recent years the city has entered into agreements with the Nets, Mets, and Yankees to subsidize new facilities for each of these teams. These agreements have leveled the playing field in terms of public subsidies for our major league teams. Eliminating the property tax exemption now for Madison Square Garden would be unfair. Revenue: \$12 million annually

THE CITY IMPOSES a tax of 18.5 percent on garage parking in Manhattan. Manhattan residents who park a car long term are eligible to have a portion of this tax abated, and are instead charged a 10.5 percent tax. By eliminating this abatement, which requires state approval, the city would generate an additional \$12 million annually.

PROPONENTS MIGHT ARGUE that having a car in Manhattan is a luxury. Drivers who can afford to own a car and lease a long-term parking space can afford to pay a premium for garage space, which is in short supply in Manhattan. Manhattan car owners contribute to the city's congestion, poor air quality, and wear and tear on streets. In turn, they should pay the tax to pay for necessary city services.

They might also point out that the additional tax would be a small cost relative to the overall expense of owning and parking a car in Manhattan. The median monthly cost to park is \$500 in downtown Manhattan and \$550 in midtown. The tax increase would therefore range from \$43 per month to \$47 per month—less in residential neighborhoods with less expensive parking. This relatively modest increase is unlikely to significantly influence car owners' choices about where to park. OPPONENTS MIGHT ARGUE that the tax abatement is necessary to encourage Manhattan residents to park in garages, thereby reducing demand for the very limited supply of street parking. Furthermore, cars are scarcely a luxury good for the many Manhattan residents who work outside the borough and rely on their cars to commute. Eliminating the tax abatement could push these households to leave the city altogether. Finally, they could argue that, at least in certain neighborhoods, residents are essentially forced to pay the same premium rates charged to commuters from outside the city, which are higher than those charged in predominantly residential areas.

OPTION: Extend the General Corporation Tax to Insurance Company Business Income

Revenue: \$250 million annually

INSURANCE COMPANIES ARE THE ONLY LARGE CATEGORY OF BUSINESSES that are currently exempt from New York City business taxes; the city's insurance corporation tax was eliminated in 1974. Insurance companies are subject to federal and state taxation. In New York State life and health insurers pay a 7.5 percent tax on net income (or alternatively, a 9.0 percent tax on net income plus officers' compensation, or a 0.16 percent tax on capital) plus a 1.5 percent tax on premiums; nonlife insurers covering accident and health premiums pay a 1.75 percent tax on premiums; all other nonlife insurers pay a 2.0 percent tax on premiums.

Almost all states with insurance taxes provide for retaliatory taxation, under which an increase in State A's tax on the business conducted in A by insurance companies headquartered in State B will automatically trigger an increase in State B's tax on the business conducted in B by companies headquartered in State A. Like other states, New York includes a credit for retaliatory taxes in its insurance tax.

Reimposing the New York City tax on insurance companies would raise the combined state and local insurance tax rate in New York substantially above the national average and trigger widespread tax retaliation. However, the Department of Finance has suggested in its tax expenditure reports that extending the city's general corporation tax to insurance companies—that is, taxing the net income they earn in the city but not the premiums they are paid—could result in a less adverse retaliatory impact

PROPONENTS MIGHT ARGUE that this tax would put insurance companies on more equal footing with other incorporated businesses in New York City. Retaliatory taxes would probably be imposed only by the states that retaliate against general corporate income taxation of insurance companies, avoiding the more widespread retaliation that would be triggered by a separate insurance corporation tax. OPPONENTS MIGHT ARGUE that enough states base retaliation on total taxes and fees paid by insurers to make retaliation to a city general corporation tax on insurance companies a serious problem. More broadly, any extension of business income taxes would make New York City's tax structure even less "city-like": New York is one of the few U.S. cities with business and personal income taxes, and these are on top of the more typical property and sales taxes also levied here. The additional taxes are often the focus of complaints that New York City is overtaxed and not "business-friendly."

\$115 million in 2010, rising to \$145 million in 2013

RECOGNIZING THAT MOST APARTMENT OWNERS had a higher property tax burden than owners of Class 1 (one-, two-, and three-family) homes, in 1997 the Mayor and City Council enacted a property tax abatement program billed as a first step towards the goal of equal tax treatment for all owner-occupied housing. A problem with this stopgap measure, which has subsequently been renewed twice, is that some apartment owners—particularly those residing east and west of Central Park—already had low property tax burdens. A December 2006 IBO study found that 40 percent of the abatement program's benefits go to apartment owners whose tax burdens were already as low, or lower, than that of Class 1 homeowners. Another 14 percent gave other apartment owners benefits beyond the Class 1 level.

Under the option outlined here, the city could reduce the inefficiency in the abatement by restricting it either geographically or by value. For example, certain neighborhoods could be denied eligibility for the program, or buildings with high average assessed value per apartment could be prohibited from participating. Another option would be to exclude very high-valued apartments in particular neighborhoods from the program. With any of these examples, state approval is necessary.

The additional revenue would vary depending on precisely how the exclusion was defined. The current "waste" in the program is estimated at \$192 million in 2010 and will grow to \$241 million by 2013. While it is unlikely that an exclusion like the ones discussed above could eliminate all of the inefficiency, it should be possible to reduce the waste by at least 60 percent.

PROPONENTS MIGHT ARGUE that such inefficiency in the tax system should never be tolerated, particularly at a time when the city faces significant budget gaps. Furthermore, these unnecessary expenditures are concentrated in neighborhoods where the average household incomes are among the highest in the city. Since city resources are always limited, it is important to avoid giving benefits that are greater than were intended to some of the city's wealthiest residents. OPPONENTS MIGHT ARGUE that even if the abatement were changed in the name of efficiency, the result would be to increase some apartment owners' property taxes at a time when the city faces pressure to reduce or at least constrain its very high overall tax burden. In addition, those who are benefiting did nothing wrong by participating in the program and should not be "punished" by having their taxes raised. The abatement was supposed to be a stopgap and had acknowledged flaws from the beginning. The city has had more than 10 years to come up with a revised program, but so far has failed to do so.

OPTION: Secure Payments in Lieu of Taxes from Colleges and Universities

Revenue: \$82 million annually

UNDER NEW YORK STATE LAW, real property owned by colleges and universities used in supporting their educational purpose is exempt from the city's real property tax. This exemption is expected to cost the city \$327.3 million¹ in 2010 in foregone property tax revenue (often called a "tax expenditure"). Exemptions for student dormitories and additional student and faculty housing will represent 24.6 percent (\$80.4 million) of this total. Under this option, private colleges and universities in the city would make payments in lieu of taxes (PILOTs), either voluntarily or through legislation. A PILOT of 25 percent of the total tax expenditure would equal \$82 million.

As an alternative, New York State could make the PILOT payments to New York City for the colleges and universities. The exempt institutions would continue to pay nothing. This fiscal year, the state of Connecticut will reimburse local governments for 77 percent of the tax revenue foregone on tax-exempt property owned by colleges, universities, and hospitals. A bill introduced, but not enacted, in the Rhode Island General Assembly this past year would have allowed localities to charge large nonprofits, including colleges and universities, up to 25 percent of their exempted property taxes.

Other types of proposals to secure additional revenue from college and university students were put forth in Pittsburgh and Rhode Island. The Mayor of Pittsburgh proposed a 1 percent tax on tuition, which was averted when two universities and a nonprofit organization agreed to contribute funds to the city instead of the tax. Rhode Island considered but did not enact a proposal that would have allowed localities to assess colleges and universities a \$150 per semester per full-time nonresident student impact fee.

PROPONENTS MIGHT ARGUE that colleges and universities consume valuable city services, including police and fire protection, without paying their share of the property tax burden, while for-profit employers and residents must pay the bill. They also could contend that private colleges and universities generally serve a wider community beyond the city and that it is appropriate to shift some of the burden of city services supporting universities and colleges to that broader community. Finally, they might point to several other cities with large private educational institutions that collect PILOT payments, either directly from the institutions or from their state governments. These include large cities (such as Boston, Philadelphia, Providence, New Haven, and Hartford) and smaller cities (such as Cambridge and Ithaca).

OPPONENTS MIGHT ARGUE that colleges and universities provide employment opportunities, purchase goods and services from city businesses, provide an educated workforce, and enhance the community through research, public policy analysis, cultural events, and other programs and services. Opponents also could argue that the tax exemption on faculty housing encourages faculty to live in the city, pay income taxes, and consume local goods and services.

¹At present, there is little incentive for either the city or the academic institutions to obtain the most accurate assessment possible. If as a result of this option, payments began to be based on better assessments of university property, the assessed values might change significantly.

OPTION: Tax Sugar-Sweetened Beverages

Revenue: \$221.7 million annually

NEW YORK CITY RESIDENTS CONSUME NEARLY 400 MILLION GALLONS of sugar-sweetened beverages each year, including soft drinks, fruit beverages, sports drinks, and others. Although these liquids have little nutritional value, sugar-sweetened beverages have become a staple of our modern food supply thanks to their low cost and extensive marketing. Scientific evidence suggests that drinking such beverages can increase the risk of obesity and related conditions like diabetes, heart disease, stroke, arthritis, and cancer. Many New Yorkers already suffer from these conditions: 35 percent of adults are overweight, another 22 percent are obese, and 9 percent have diabetes.

A tax on sugar-sweetened beverages could discourage consumption of high calorie drinks. An excise tax of half a cent per ounce levied on beverages with any added caloric sweetener could generate \$221.7 million in additional revenue for the city, equivalent to 13 percent of the Department of Health and Mental Hygiene's total budget. Diet beverages or those sweetened with noncaloric sugar substitutes would not be subject to the tax.

New York State currently imposes an added sales tax of 4 percent on soft drinks sold in vending machines and grocery stores, equal to about 4 cents or 5 cents per 20-ounce bottle. That amount may be too low to affect consumption. The proposed excise tax would increase the cost of beverages by 7 percent on average, providing moderate incentive for consumers to choose water, milk, or another unsweetened drink for refreshment. In addition, the excise tax would discourage consumers from choosing larger portions to maximize value, as the tax would be proportional to the size rather than the price of a drink.

PROPONENTS MIGHT ARGUE that soda is not necessary for survival and offers no nutritional value. A taxinduced price increase would encourage consumers to substitute other beverages that have few if any negative health consequences such as milk or water. Additionally, soda is associated with costly conditions like obesity and diabetes which are often treated with public funds through Medicaid. A 2008 poll of New York State residents showed that 72 percent of those surveyed were in favor of a tax on sugary beverages if the revenue is used for obesity prevention and health promotion programs. OPPONENTS MIGHT ARGUE that tax on sugar-sweetened beverages would disproportionately affect some consumers and may not lead to weight reduction. Such a tax is regressive, falling more heavily on low-income consumers. In addition, soft drink consumption is a relatively small part of the diet for overweight people and drinks that serve as substitutes for sugar-sweetened sodas may also be highly caloric, reducing the tax's impact on weight loss. Furthermore, it would adversely affect local retailers and producers who will see sales fall as consumption declines. Revenue: \$240 million annually

THIS OPTION WOULD INCREASE CITY REVENUES by broadening the sales tax base to include capital improvement installation services. In New York services such as landscaping and auto repair are taxed but other services to improve buildings or property such as the installation of central air systems, refinishing floors, and upgrading electrical wiring are not subject to sales tax. The objective of providing these tax exemptions has been to encourage the rehabilitation of existing residential structures. If New York City taxed capital improvements, it could collect an additional \$240 million annually.

PROPONENTS MIGHT ARGUE that there is no economic distinction between capital improvements and other services and goods that are currently taxed: broadening the base would ensure a more neutral tax structure and decrease differential tax treatment. The present tax structure creates consumption distortions, which this proposal would diminish. It also might be argued that the sales tax as a whole would become less regressive since expenditures on capital improvement services rise as income rises. OPPONENTS MIGHT ARGUE that this proposal could reduce the number of people employed in the capital improvement services. Small independent contractors and small firms, burdened by additional taxation, might leave the business or attempt to evade the tax. The tax would also produce a small disincentive to improve real property. They also could argue that because a portion of capital improvements are directed at improvement of business property, bringing those services into the sales tax base would further increase the number of business-to-business transactions subject to the tax, and businesses would in turn shift the burden of the tax onto consumers by increasing prices. They would point out that, ideally, sales taxes should only be imposed on the final sale to a consumer.

Revenue: \$30 million annually

CURRENTLY, RECEIPTS FROM LAUNDERING, dry cleaning, tailoring, shoe repairing and shoe shining services are excluded from the city and state sales tax. This option would lift the exemption, broadening the sales tax base to include these services. It would result in additional revenue of about \$30 million annually.

PROPONENTS MIGHT ARGUE that laundering, tailoring, shoe repair, and similar services should not be treated differently from other goods and services that are presently being taxed. Existing tax distortions create economic bias toward consumption of these services. By including laundering, dry cleaning, and other services in the sales tax base the city would decrease the economic inefficiency created by differences in tax treatment. The bulk of taxes would be paid by more affluent consumers who use such services more frequently, slightly decreasing the regressive nature of the sales tax. The city's commitment to a cleaner environment, which is reflected in the various city policies that regulate laundering and dry-cleaning services, further justifies inclusion of these services in the sales tax base. OPPONENTS MIGHT ARGUE that laundering, tailoring, shoe repair, and similar services tend to be provided by the self-employed and small businesses, and these operators may not have accounting or bookkeeping skills and could have difficulties in collecting the tax. Some individuals and firms might be forced out of business. They could also argue that because a portion of laundering and dry cleaning receipts are actually paid by businesses (i.e. hotels and restaurants), bringing those services into the sales tax base would further increase the number of business-to-business transactions subject to the tax. They would point out that ideally, sales taxes should only be imposed on the final sale to a consumer; this is because when business-to-business transactions are taxed, the burden of the tax is shifted onto the consumer through an increase in the price of the good.

OPTION: Tax on Cosmetic Surgical and Nonsurgical Procedures

Revenue: \$55 million annually

FEES FOR MEDICAL PROCEDURES are currently not subject to state or city sales tax. Under this option, both surgical and nonsurgical cosmetic procedures would be subject to the city sales tax. In 2008 cosmetic procedures by board-certified physicians yielded \$11 billion in fee payments nationwide. (This total did not include third-party reimbursed reconstructive rather than cosmetic procedures. Nor did it include fees for facilities, anesthesia, medical tests, prescriptions, and other ancillaries.) IBO estimates that about \$1.4 billion was generated in New York City. The amount of additional revenues generated in the city by fees for facilities and other ancillaries, as well as by noncertified cosmeticians or "facialists" for procedures such as dermabrasions and chemical peels, is unknown, and is not factored into the tax revenue estimate provided above.

PROPONENTS MIGHT ARGUE this is a lucrative fee-forservice industry. While medical training and certification is required to perform all of the surgical and most of the nonsurgical procedures, the procedures themselves have primarily aesthetic rather than medical rationales. The American Medical Association (AMA) distinguishes cosmetic surgery, which is "performed to reshape normal structures of the body in order to improve the patient's appearance and self-esteem," from reconstructive surgery, which is "performed on abnormal structures of the body... generally... to improve function, but [it] may also be done to approximate normal appearance." It recommends that the latter, but not the former, be included in standard health benefits packages. Insofar as there is an economic return to physical attractiveness, cosmetic procedures may increasingly reallocate income to those who can spend the most on enhancements. For tax purposes, there is no reason to treat cosmetic enhancements differently than cosmetic products.

OPPONENTS MIGHT ARGUE rather than seeing cosmetic procedures as luxuries, people increasingly regard them as vital to improving self-esteem and general quality of life. Moreover, they may even be seen as investments that augment professional status and income, which are positively correlated with physical attractiveness. Furthermore, cosmetic surgical and nonsurgical procedures are sought by persons at all income levels. The burden of a tax on these procedures would therefore not fall only on the wealthy. Health benefits never should be subject to a sales tax, and it will not suffice to tax procedures not covered by insurance because insurers do not provide consistent guidelines. Revenue: \$1 million annually

LAST YEAR APPROXIMATELY 70,000 people in New York City applied for a marriage license for a total of about \$2.4 million in revenue. About 40,000 of those who applied for a marriage license also had a civil ceremony at one of the county clerk's offices which generated an additional \$1 million in revenue.

This option would increase the fee for marriage ceremonies from the current \$25 to \$50 dollars per couple. This increase would bring in an additional \$1 million in revenue to the city annually.

PROPONENTS MIGHT ARGUE that New York City is considered a popular location to get married. They may also argue that \$50 is a reasonable price to pay for a civil ceremony considering how expensive traditional weddings are and that fees in several other large cities already exceed \$50. They could also point out that the city invested \$9.7 million to upgrade the Manhattan Marriage Bureau last year from the cramped, poorly lit space in the Municipal Building to a brand new 24,000 square foot facility at 80 Centre Street. OPPONENTS MIGHT ARGUE that other counties in New York State do not charge for having a civil ceremony in their county clerk offices. The higher fee could deter some couples from holding their wedding ceremonies at the clerk's offices so that the increase in revenues could be less than expected.

Revenue: \$2.7 million annually

THE TAX COMMISSION serves as the city's administrative review body for property tax assessments set by the Department of Finance. In 2008 the Tax Commission received about 43,000 appeals applications. These applications were a small percentage of the total number of properties in the city, but were disproportionately filed by owners of apartment buildings and commercial properties, especially in Manhattan. The Tax Commission charges no fees at present for this service, and is currently budgeted at about \$4.0 million. This proposal would institute a filing fee of \$40 per applicant, and an additional \$50 fee for applicants who proceed to a hearing before Tax Commission members. Typically, between 40 percent and 50 percent of appeals reach the hearing stage each year.

PROPONENTS MIGHT ARGUE that this service is heavily used by owners of real property who would find these nominal fees far from onerous. Moreover, the initiation of fees might appropriately reduce the Tax Commission's workload and eliminate those who appeal "because they have nothing to lose," that is, the appeals are free and the Tax Commission has no power to raise assessments, only to lower them. If the fee resulted in a 10 percent drop in the number of filings, the amount raised by this option would decline by \$265,000. Moreover, other cities, San Francisco among them, charge separate fees for filing, hearing appeals, and even for receiving written findings from the hearing. A share of the funds generated from fees could be used for ongoing operations or to provide support for desired improvements.

OPPONENTS MIGHT ARGUE that the Tax Commission has historically provided this service at no cost and should continue to do so, and that a property owner has a fundamental right to pursue claims of overassessment without the hurdle of application fees every year. They also might argue that the fees might drive away property owners who legitimately feel that they have been overassessed by the Department of Finance, but who do not want to spend money pursuing their claims. That would undercut the Tax Commission's role as a check on maintaining the fair distribution of existing property tax burdens. Revenue: \$1 million annually

CHLOROFLUOROCARBON (CFC) gas, also known as Freon, is considered a major contributor to the deterioration of the earth's ozone layer and global warming. Before discarding any freezer, refrigerator, water cooler, dehumidifier, air conditioner, or other type of appliance containing CFC, city residents are required to schedule an appointment for the recovery of the CFC. There is no charge for this service, although it must be completed in order to have the appliance removed by the city's Department of Sanitation on a regular recycling collection day—an item that has had the CFC recovered is "tagged" to indicate that it is ready for collection and disposal. In most other large municipalities, residents are charged between \$25 and \$100 for CFC removal.

According to sanitation department records, 41,247 appliances were tagged for CFC recovery in 2009. The CFC recovery is done by sanitation workers who have completed CFC recovery certification. There are currently 14 certified CFC recovery uniformed workers and two civilian mechanics who maintain the vehicles used by the recovery workers, as well as two clerical aides responsible for setting up the recovery appointments. Charging \$25 per appointment would garner the city roughly \$1.0 million annually, about the personnel costs for the CFC recovery program. This estimate assumes no change in the number of CFC recovery procedures, although it might decline if a fee were imposed.

PROPONENTS MIGHT ARGUE that charging a fee for CFC recovery is appropriate because it is a service rendered directly to the resident or business. They could note that most other municipalities charge for CFC recovery. **OPPONENTS MIGHT ARGUE that charging for CFC removal** might lead to illegal dumping. In addition, they might express concern about the burden of mandatory charges on low-income households.

OPTION: Convert Multiple Dwelling Registration Flat Fee to Per Unit Fee

Revenue: \$2.6 million annually

OWNERS OF RESIDENTIAL BUILDINGS with three or more apartments are required to register their building annually with the Department of Housing Preservation and Development (HPD). The fee for registration is \$13 per building. In 2010 the city expects to collect \$1.6 million in multiple dwelling registration fees. Converting the flat fee to a \$2 per unit fee would increase the revenue collected by HPD by \$2.6 million annually (assuming a 90 percent collection rate).

PROPONENTS MIGHT ARGUE that much of HPD's regulatory and enforcement activities take place at the unit, rather than building, level. Tenants report maintenance deficiencies in their own units, for example, and HPD is responsible for inspecting and potentially correcting these deficiencies. Therefore, a building with 100 units represents a much larger universe of possible activity for HPD than a building with 10 units. Converting the registration flat fee to a per unit basis more equitably distributes the cost of monitoring the housing stock in New York City. They also would argue that a \$2 per unit fee is a negligible fraction of the unit's value, so it should have little or no effect on landlords' costs and rents. OPPONENTS MIGHT ARGUE that, by law, fees and charges must be reasonably related to the services provided, and not simply a revenue generating tool. Simply registering a building should not be a costly activity for the city. They also might express concern about adding further financial burdens on building owners, particularly after the recent property tax rate increase.

\$2 million in 2011, \$4 million in 2012, and \$6 million in 2013

THIS OPTION INVOLVES ESTABLISHING a pilot residential permit parking program in New York City. The program would be phased in over three years, with 25,000 annual permits issued the first year, 50,000 the second year, and 75,000 the third year. If successful, the program could be expanded further in subsequent years.

On-street parking has become increasingly difficult for residents of many New York City neighborhoods. Often these residents have few or no off-street parking options. Areas adjacent to commercial districts, educational institutions, and major employment centers attract large numbers of outside vehicles. These vehicles compete with those of residents for a limited number of parking spaces. Many cities, faced with similar situations, have decided to give preferential parking access to local residents. The most commonly used mechanism is a neighborhood parking permit. The permit itself does not guarantee a parking space, but by preventing all or most outside vehicles from using on-street spaces for more than a limited period of time, permit programs can make parking easier for residents. As part of PlaNYC, Mayor Bloomberg proposed instituting resident permit parking in neighborhoods adjacent to the proposed congestion pricing zone. However, because the state Legislature did not approve congestion pricing, the permit plan has not moved forward.

Under the proposal, permit parking zones would be created in selected areas of the city. Within these zones, only permit holders would be eligible for on-street parking for more than a few hours at a time. Permits would be sold primarily to neighborhood residents, although they might also be made available to nonresidents and to local businesses. IBO has assumed an annual charge of \$100, with administrative costs equal to 20 percent of revenue.

PROPONENTS MIGHT ARGUE that residential permit parking has a proven track record in other cities, and that the benefits to neighborhood residents of easier parking would far outweigh the fees. Most neighborhoods have ample public transportation options, and in many cases paid parking is available as well; these alternatives coupled with limited-time on-street parking should allow sufficient traffic to maintain local business district activity. Indeed, they could argue, one of the principal reasons for limiting parking times in commercial districts is to facilitate access to local businesses by drivers by ensuring turnover in parking spaces.

OPPONENTS MIGHT ARGUE that it is inherently unfair for city residents to have to pay for on-street parking in their own neighborhoods. Opponents also might worry that despite the availability of public transportation or off-street parking, businesses located in or adjacent to permit zones may experience a loss of clientele, particularly from outside the neighborhood, because more residents would take advantage of on-street parking. Some opponents may note that in cities and towns that already have residential permits, it appears to have worked best in neighborhoods where single-family homes predominate.

\$9.7 million annually

RESIDENTS OF NEW YORK are entitled to original birth and death certificates at no cost, but the Department of Health and Mental Hygiene charges a fee for duplicate copies. The department issues over 700,000 duplicate certificates each year.

A provision of the state public health law sets the fee New York City charges for such certificates to \$15. Municipalities elsewhere in the state are subject to different limits; some are required to charge only \$10, while in others the local health department is free to set any fee equal to or less than the fee charged by the state. The New York State Department of Health charges \$30 for duplicate birth and death certificates.

Raising the city fee to the state level would presumably have little effect on demand for certificates, since people require them for legal or employment reasons. IBO assumes that doubling the charge to \$30 would reduce the number of certificates requested by 5 percent, yielding net revenue of \$9.7 million.

State legislation would be required for this proposal, either to raise the fee directly or to grant the authority to raise it to the City Council or health department.

PROPONENTS MIGHT ARGUE that there is no reason the city should charge less than the state for the identical service. They might further argue that a state law specifically limiting fees in New York City is arbitrary and does not serve any legitimate policy goal; such fees should either be consistent statewide or set by local elected officials. Proponents might also argue that given the highly inelastic demand for birth and death certificates, such an increase will have a much smaller economic impact than most other fee increases. OPPONENTS MIGHT ARGUE that the purpose of this fee is not to raise revenue but to cover the cost of producing the records, which has certainly not doubled. They might further argue that provision of vital records is a basic public service, access to which should not be restricted by fees. Finally, they might argue that it is appropriate for fees to be lower in New York City than elsewhere because of the greater proportion of lowincome residents here.

\$3.0 million to \$9.0 million annually

IN 2008 THERE WERE 142,900 CITATIONS GIVEN TO CITY RESIDENTS AND BUSINESSES for violating city recycling rules. About 90 percent of those deemed valid were paid in full. This is a very high yield rate compared to other city violations. But the size of a recycling violation fine is one of the city's lowest. At \$25 the fine for a first violation has not increased since it was set in Local Law 19 of 1989. While the fine's low cost undoubtedly contributes to its high payment rate, it may not deter future violations as effectively as a higher fine might.

An increase in the recycling fine from \$25 to \$50 was proposed for fiscal year 2003, but it never received City Council approval. It was thought that an increase would be unfair to residents confronting changes in the recycling program that year, as glass and plastics recycling was temporarily suspended from the program. The base fine for all other sanitation violations increased from \$50 to \$100 in 2004.

If the base fine for recycling violations was doubled to \$50, revenue would likely grow by \$3.0 million. If the base fine was raised to the current level of other sanitation fines (\$100), the city could expect \$9.0 million in additional revenue. (These estimates do not assume that the current payment rate would decline as the fine amount increases.)

PROPONENTS MIGHT ARGUE that because a \$25 fine does little to deter city residents who violate recycling rules, an increase would give added force to the recycling program when recent data suggest recycling compliance is declining. The diversion rate, a measure of the share of all trash that is recycled, has gone from 16.3 percent in 2008 to 15.6 percent in 2009, and the capture rate, which measures the share of all recyclables that are actually recycled, is down from 46.9 percent to 44.9 percent over the same time frame. Furthermore, aside from obvious environmental benefits, a recent IBO analysis also found that more recycling would lower the city's cost per ton for collecting recyclables curbside. OPPONENTS MIGHT ARGUE that a higher fine would place an undue burden on landlords and building owners because it is difficult to single out violators within large apartment buildings. Without individual accountability for recycling, any increase to the fine would do little to deter violations. Furthermore, many violations may be attributed not to building residents at all, but to those who break open bags looking for redeemable bottles and cans. Lastly, opponents might argue, the recent and multiple changes to the recycling program have confused residents and an increase at this time would unfairly capitalize on this confusion.

OPTION: Increase Food Service Permit Fees to \$500

Revenue: \$4.6 million annually

RESTAURANTS AND OTHER FOOD SERVICE ESTABLISHMENTS (FSEs) in New York require a license from the Department of Health and Mental Hygiene to operate, which must be renewed annually. In 2007 the department processed 4,639 new food service establishment applications and 18,532 renewals, for a total of 23,171 permits. About 10 percent of these permits were for school cafeterias and other noncommercial establishments, which are exempt from fees.

The department has traditionally set the fee at a level sufficient to cover the full costs of the permitting process, including inspections, processing applications and other administrative costs. However, as costs in this area have increased, fees—currently \$280, plus \$25 if the establishment serves frozen desserts—have not kept pace. In 2007 total costs for processing FSE permits, including the cost of doing inspections, were \$10.5 million for commercial establishments. But the department collected only between \$5.8 million and \$6.3 million from FSE permits. Thus, fees cover only about 60 percent of the costs associated with restaurant permits. Increasing the application fee from \$280 to \$500 (leaving the frozen dessert charge unchanged) would bring permit fees into line with permit costs and raise \$4.6 million in revenue.

PROPONENTS MIGHT ARGUE that it is established city policy that the fees charged for services like restaurant permits should cover the associated costs. They might further argue that if the city wishes to subsidize restaurants, it should do so directly and transparently, rather than by providing permits at a discount. They might note that permits are a very small portion of restaurant costs so that this increase is unlikely to have a noticeable effect on restaurants' ability to operate in the city. In fact, if undercharging for permits leads to inadequate resources for processing permits, delay or uncertainty in that process could be much more costly to restaurants. OPPONENTS MIGHT ARGUE that while in the long run fees should cover the cost of permits, an immediate increase would be a burden on a sector that is already disproportionately affected by the economic downturn. They might also argue that while paying an additional \$220 would be trivial for a large restaurant, many FSEs are very small and operate on thin profit margins. Finally, they might argue that if the real goal of the option is simply to raise revenue, economists generally agree that broad-based taxes are preferable to charges focused on particular industries. Revenue: \$4.5 million annually

THIS OPTION WOULD RESTORE THE FARE charged to passengers who board the Staten Island Ferry as pedestrians, beginning in July 2010. Until July 4, 1997, pedestrians paid a round-trip fare of 50 cents. As part of the state and city's efforts to promote a "one city, one fare" policy, fares were abolished at the same time that free MetroCard subway and bus transfers were instituted. Vehicle service has been suspended since the attacks of September 11, 2001.

The Staten Island Ferry is operated by the city Department of Transportation, and in 2009 had around 20 million riders. If and when vehicles are allowed back on the ferry, pedestrians will still make up the vast majority of passengers. Gross revenues from a 50 cent round-trip fare would be somewhat over \$5.0 million per year. Assuming collection costs equal to 10 percent of fares, net revenue would be roughly \$4.5 million annually.

Currently, Staten Island residents who use the Verrazano-Narrows Bridge pay a toll of \$5.48 (charged going into the borough only) using E-ZPass, or \$7.35 using tokens. Residents traveling in vehicles with three or more occupants have the option of using prepaid coupons costing \$2.56 per crossing (also paid only going into Staten Island). Express bus riders traveling from Staten Island to Manhattan pay a \$5.50 cash fare each way, with discounts available using MetroCard. Finally, travelers who take local buses over the Verrazano-Narrows Bridge to Brooklyn pay a cash or MetroCard fare. While these riders can then transfer free of charge to a bus or subway, for travel to Manhattan this is a very time-consuming option.

PROPONENTS MIGHT ARGUE that ferry riders should be expected to pay at least a nominal share of the service costs. The Staten Island Ferry's operating expenses have increased dramatically in recent years, due to additional safety and antiterrorist measures. According to the Mayor's Management Report for fiscal year 2009, the operating expense per passenger for the Staten Island Ferry was \$5.38. If the 25 cent fare were restored, passengers would be paying under 5 percent of the cost of a ride. In contrast, fares on New York City Transit subways and buses cover more than half of operating expenses. OPPONENTS MIGHT ARGUE that charging ferry riders would contradict the "one city, one fare" policy started by the Giuliani Administration. Once MetroCard readers were installed through the transit system, free transfers between buses and subways were instituted. As a result, a majority of transit users in New York City can now make their trips with only one fare. However, according to an analysis by IBO of data from the Regional Transportation-Household Interview Survey, a majority of Staten Island residents who use the ferry to travel to Manhattan still pay more than one fare to get to their final destination. In addition, ferry riders are on average less affluent than express bus riders, and face longer total travel times.

Revenue: \$925 million annually

THIS PROPOSAL, analyzed in more detail in the IBO report Bridge Tolls: Who Would Pay? And How Much? involves placing tolls on 12 city-owned bridges between Manhattan and Queens, Brooklyn, and the Bronx. In order to minimize backups and avoid the expense of installing toll booths or transponder readers at both ends of the bridges, a toll equivalent to twice the one-way toll on adjacent Metropolitan Transportation Authority (MTA) facilities would be charged to vehicles entering Manhattan, and no toll would be charged leaving Manhattan. The automobile toll on the four East River bridges would be \$9.15, equal to twice the one-way E-ZPass toll for the MTA-owned Brooklyn-Battery and Queens-Midtown Tunnels. The automobile toll on the eight Harlem River bridges would be \$4.20, equal to twice the one-way E-ZPass toll for the MTA's Henry Hudson Bridge. A ninth Harlem River bridge, Willis Avenue, would not be tolled since it carries only traffic leaving Manhattan. The Ravitch Commission made a similar proposal in 2008.

Estimated annual toll revenue would be \$655 million for the East River bridges and \$270 million for the Harlem River bridges, for a total of \$925 million. On all of the tolled bridges, buses would be exempt from payment. IBO's revenue estimates assume that trucks pay the same tolls as automobiles. If trucks paid more, as they do on bridges and tunnels that are currently tolled, there would be a corresponding increase in total revenue. IBO estimates that exempting all city residents from tolls would reduce revenue by more than half, to \$420 million.

PROPONENTS MIGHT ARGUE that the tolls would provide a stable revenue source for the operating and capital budgets of the city Department of Transportation. Many proponents could argue that it is appropriate to charge a user fee to drivers to compensate the city for the expense of maintaining the bridges, rather than paying for it out of general taxes borne by bridge users and non-users alike. Transportation advocates argue that, although tolls represent an additional expense for drivers, they can make drivers better off by guaranteeing that roads, bridges, tunnels, and highways receive adequate funding. Some transportation advocacy groups have promoted tolls not only to generate revenue, but also as a tool to reduce traffic congestion and encourage greater transit use. Peak-load pricing (higher fares at rush hours than at nonrush hours) is an option that could further this goal. If more drivers switch to public transit, people who continue to drive would benefit from reduced congestion and shorter travel times. A portion of the toll revenue could potentially be used to support improved public transportation alternatives. Finally, proponents might note that city residents or businesses could be charged at a lower rate than nonresidents to address local concerns.

OPPONENTS MIGHT ARGUE that motorists who drive to Manhattan already pay steep parking fees, and that many drivers who use the free bridges to pass through Manhattan already pay tolls on other bridges and tunnels. Many toll opponents may believe that it is particularly unfair to charge motorists to travel between Manhattan and the other boroughs. These opponents draw a parallel with transit pricing policy. With the advent of free MetroCard transfers between buses and subways, and the elimination of the fare on the Staten Island Ferry, most transit riders pay the same fare to travel between Manhattan and the other boroughs as they do to travel within each borough. Tolls on the East River and Harlem River bridges would make travel to and from Manhattan more expensive than travel within a borough. In addition, because most automobile trips between Manhattan and the other boroughs are made by residents of the latter, inhabitants of Staten Island, Brooklyn, Queens, and the Bronx would be more adversely affected by tolls than residents of Manhattan. An additional concern might be the effect on small businesses. Finally, opponents might argue that even with E-ZPass technology, tolling could lead to traffic backups on local streets and increased air pollution.

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