Office of the New York State Comptroller
Division of
Local Government and School Accountability

## Annual Performance Report on New York State's Industrial Development Agencies

Fiscal Year Ending 2013

Thomas P. DiNapoli State Comptroller

For additional copies of this report contact:
Division of Local Government and School Accountability 110 State Street, 12th floor
Albany, New York 12236
Tel: (518) 474-4037
Fax: (518) 486-6479
or email us: localgov@osc.state.ny.us
www.osc.state.ny.us

## Table of Contents

Overview ..... 1
Projects ..... 2
Project Purposes ..... 3
Activity ..... 5
Tax Exemptions ..... 6
Project Employment Goals ..... 6
Revenues and Expenditures ..... 7
Regional Impacts ..... 8
Recent Audits ..... 9
Recent and Proposed IDA Reforms ..... 11
Appendix ..... 12-15
Central Office Directory ..... 17
Regional Office Directory ..... 18

## Overview

The Industrial Development Agency Act of 1969 allowed for the creation of Industrial Development Agencies (IDAs) in order to support projects meant to advance the job opportunities, health, general prosperity and economic welfare of the people of New York State. ${ }^{1}$ Each separate IDA is a public benefit corporation established by a special act of the New York State Legislature for the benefit of a municipality and its residents. ${ }^{2}$

Since 1969, 178 IDAs have been legislatively authorized, with 109 active in 2013. ${ }^{3}$ Every county outside of New York City has an IDA that serves it, with two counties - Warren and Washington sharing one IDA, for a total of 56 county IDAs. There are also 25 city IDAs, 23 town IDAs, four village IDAs and one IDA that serves both the City of Mechanicville and the Town of Stillwater. The New York City IDA covers the whole city and is the largest IDA in the State. In general, an IDA is governed by a board of three to seven members appointed by the governing body of the municipality for which the IDA was established. ${ }^{4}$ IDAs may acquire, own and dispose of property and issue debt. All IDA property is exempt from property taxes as well as mortgage recording taxes, and some purchases for IDA projects are eligible for exemption from State and local sales taxes. IDAs fund their operations by charging fees to businesses that obtain financial assistance for their projects. ${ }^{5}$

Since 1989, IDAs have been required to submit an annual financial statement to the Office of the State Comptroller (OSC) that includes data relevant to the IDA's projects, such as the estimated number of jobs created or retained by each project and the estimated amount of tax exemptions for each project. ${ }^{6}$ OSC determines if these financial statements are substantially complete. Since 1993, IDAs have also been required to have a uniform tax exemption policy. However, even with these reporting requirements, OSC was finding that the data reported was often incomplete and inconsistent, and did not reflect the actual performance of IDAs and their projects.

## IDAs by the Numbers - 2013

## Active IDAs:

- 109 Total IDAs
- 4,709 IDA Projects
- $\$ 76.8$ billion Total Value of IDA Projects
- $\$ 660.1$ million Net Tax Exemptions Received by Projects
- 199,943 Jobs Gained by Projects


## Project Purposes:

- 1,219 - Manufacturing
- 1,107 - Services
- 479 - Civic Facility
- 407 - Finance, Insurance and Real Estate
- 369 - Construction
- 310 - Wholesale Trade
- 204 - Transportation, Communication, Electric, Gas and Sanitary Services
- 173 - Retail Trade
- 25 - Agriculture, Forestry and Fishing
- 14 - Continuing Care Retirement Communities
- 402 - Other Categories


## Revenues and Expenses:

- Expenses - $\$ 88.9$ million
- Revenues - $\$ 85.3$ million


## Employment Goals:

- Job Creation Goals - 215,594
- Job Retention Goals - 363,193


## Project Salaries:

- Median High Salary - \$45,000
- Median Low Salary - \$27,000

Note: All data is as reported by IDAs

In an attempt to improve reporting by IDAs and other public authorities, OSC and the Authorities Budget Office collaborated to create the Public Authority Reporting Information System (PARIS). PARIS is used as a repository to help ensure IDA information is maintained in a consistent manner, allowing for enhanced oversight. PARIS was implemented in 2007, and has been used for reporting by all IDAs since fiscal year 2008.

## Projects

A business may apply to an IDA that has jurisdiction in the area in which they operate or wish to operate for support for proposed construction, expansion or renovation. If the IDA approves the application, the business then typically becomes an IDA project owner or operator, and the affected property and improvements become an IDA project. IDA projects are eligible for financial assistance in the form of proceeds of IDA bonds and/or straight leases - through which IDAs may offer tax exemptions. ${ }^{7}$ A single business may receive support for more than one project, even at the same location.

IDAs reported 4,709 active projects in 2013, with a total project value of $\$ 76.8$ billion. This includes the total value of the property and improvements being aided, as well as components that may not directly benefit from IDA assistance. ${ }^{8}$ Total project value increased by $\$ 3.5$ billion, or 4.8 percent, from 2012. There were 584 projects that were newly reported in 2013, with a value of $\$ 9.7$ billion. A total of 421 projects from the 2012 report were not reported in 2013, with a value of $\$ 6.2$ billion, most of these project

Number of IDA Projects by Local Government Class, 2013


Source: Office of the State Comptroller (OSC), Public Authorities Reporting Information System (PARIS). * Excluding New York City were completed.

County IDAs supported 61 percent of IDA projects reported in 2013. Town IDAs supported 17 percent of projects and village IDAs supported less than 1 percent. The New York City IDA supported 12 percent of projects, while IDAs in other cities supported 9 percent. The City of Mechanicville/Town of Stillwater IDA supported 1 project in 2013.

## Project Purposes

IDAs are authorized to provide financial assistance for a number of different types of projects, including industrial, manufacturing, commercial, research and recreation facilities. Projects are reported in PARIS according to 10 unique purpose categories. There is also an "other" category.

Since 2009, there has been a shift in the distribution of projects among these categories. IDAs have reported fewer projects in manufacturing, wholesale trade and transportation, communication,

## Distribution of IDA Project Purposes, 2013

 electric, gas and sanitary services, but more projects in services, construction, finance, insurance and real estate.

## Number of IDA Projects by Purpose, 2009 to 2013

| Projects Purposes | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | Change <br> $\mathbf{2 0 0 9}$ to 2013 |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: |
| Agriculture, Forestry and Fishing | 22 | 28 | 30 | 29 | 25 | $14 \%$ |
| Civic Facility | 571 | 557 | 542 | 508 | 479 | $-16 \%$ |
| Construction | 263 | 272 | 334 | 363 | 369 | $40 \%$ |
| Continuing Care Retirement Communities | 2 | 4 | 5 | 7 | 14 | $600 \%$ |
| Finance, Insurance and Real Estate | 359 | 390 | 386 | 395 | 407 | $13 \%$ |
| Manufacturing | 1,345 | 1,240 | 1,230 | 1,210 | 1,219 | $-9 \%$ |
| Retail Trade | 68 | 88 | 105 | 134 | 173 | $154 \%$ |
| Services | 1,011 | 977 | 960 | 1,007 | 1,107 | $9 \%$ |
| Transportation, Communication, Electric, Gas and Sanitary Services | 222 | 206 | 199 | 198 | 204 | $-8 \%$ |
| Wholesale Trade | 356 | 324 | 319 | 310 | 310 | $-13 \%$ |
| Other Categories | 366 | 365 | 375 | 385 | 402 | $10 \%$ |
| Grand Total | 4,585 | 4,451 | 4,485 | 4,546 | 4,709 | $\mathbf{3} \%$ |
| Source: Osc, PARIS |  |  |  |  |  |  |

Construction projects saw a strong increase from 2009 to 2013, 40 percent, while finance, insurance and real estate projects have increased by 13 percent. Services projects (not including the transportation, communication, electric, gas and sanitary services projects listed separately), make up the second largest category, 23.5 percent of the total, which increased by 9 percent.

Manufacturing projects represented the largest single category at nearly 26 percent of the total but experienced a 9 percent decline during the period from 2009 to 2013 . Wholesale trade projects declined by 13 percent and transportation, communication, electric, gas and sanitary services projects declined by 8 percent.

Some project purposes have special circumstances surrounding their increase or decrease in number. The authority for IDAs to approve projects for civic facilities, generally those owned or operated by not-for-profit organizations, lapsed in 2008, which explains why the number of such projects declined by 16 percent since 2009. IDAs were first authorized to support continuing care retirement communities in 2004 and the number of such projects increased from 2 in 2009 to 14 in 2013. From 1993 to 2008, the kind of retail projects that IDAs could support was limited; the sunset of these limitations likely explains the 154 percent increase in these projects over the period. ${ }^{9}$

Interestingly, the number of projects that are reported as "other" in PARIS made up 8.5 percent of projects in 2013, an increase of 10 percent since 2009. Some of these projects appear from their descriptions to belong under one of the listed project purposes, while others have no descriptions, making it unclear if they are projects that IDAs are statutorily authorized to support.

## Activity

In order to accomplish their statutory goals, IDAs may offer financial assistance to attract, retain and expand businesses. When an IDA project is approved, the IDA typically takes title to the property connected to the project, which makes it exempt from taxation. The approval of a project usually includes an agreement for payments in lieu of taxes (PILOTs) by the project operator. PILOTs usually cover a portion of the property taxes that would otherwise have been paid in full, depending on the specific agreement.

There were 109 IDAs operating in New York State in 2013, three fewer than in 2012. All but one of these IDAs filed audited financial reports with OSC. ${ }^{10}$ If an IDA fails to submit a report, or files a report that is not substantially complete, the IDA is precluded from offering financial assistance that provides exemptions from State taxes until the required report is filed.

The 4,709 projects supported by IDAs in 2013 were valued at $\$ 76.8$ billion, an increase of 4.8 percent over 2012. Project operators reported a total of 644,080 full time equivalent positions (FTEs), an increase of 199,943 FTEs, or 31 percent, from the commencement of the projects. The total value of net tax exemptions received by the projects was $\$ 660.1$ million. The median IDA's net exemption per job gained was $\$ 2,095$, representing a 6.5 percent increase from 2012.

## IDA Summary Statistics

|  |  |  | Total Value <br> of Projects <br> (billions) | Net Value of <br> Tax Exemptions <br> (millions) | Estimated <br> Job Gain | Median IDA Net <br> Exemptions Per <br> Job Gained |
| :---: | ---: | ---: | ---: | :---: | :---: | :---: |
| 2013 | 109 | 4,709 | $\$ 76.8$ | $\$ 660.1$ | 199,943 | $\$ 2,095$ |
| 2012 | 112 | 4,546 | $\$ 73.3$ | $\$ 555.0$ | 222,645 | $\$ 1,967$ |
| 2011 | 113 | 4,485 | $\$ 74.2$ | $\$ 507.2$ | 216,519 | $\$ 1,984$ |
| 2010 | 114 | 4,451 | $\$ 72.9$ | $\$ 483.2$ | 181,946 | $\$ 1,661$ |
| 2009 | 115 | 4,585 | $\$ 73.6$ | $\$ 481.1$ | 202,107 | $\$ 1,743$ |
| Change 2012 to 2013 | -3 | 163 | $\$ 3.5$ | $\$ 105.1$ | $-22,702$ | $\$ 128$ |
| Percentage Change | $-2.7 \%$ | $3.6 \%$ | $4.8 \%$ | $18.9 \%$ | $-10.2 \%$ | $6.5 \%$ |
| Change 2009 to 2013 | -6 | 124 | $\$ 3.2$ | $\$ 179.0$ | $-2,164$ | $\$ 352$ |
| Percentage Change | $-5.2 \%$ | $2.7 \%$ | $4.4 \%$ | $37.2 \%$ | $-1.1 \%$ | $20.2 \%$ |

Source: OSC, PARIS. 2009-2012 data has been revised.

## Tax Exemptions

IDAs may offer exemptions from various taxes, including property taxes, State and local sales taxes and the mortgage recording tax which represent most major nonaid sources of revenue for local governments and school districts. Every IDA is required to adopt a uniform tax exemption policy that provides guidelines for claiming tax exemptions. ${ }^{11}$ This policy is adopted with input from affected local taxing jurisdictions. Local governments, however, do not need to be consulted in the granting of a tax exemption for a particular project, as long as it conforms to the uniform tax exemption policy.

## IDA Tax Exemptions and PILOTs, 2013 (millions)



In 2013, IDA-granted tax exemptions totaled $\$ 1.38$ billion. This represents the estimated value of taxes that would otherwise have been collected on the properties had they not been IDA projects. Offsetting these exemptions in part were $\$ 723$ million in PILOTs made by IDA projects to affected governments. This leaves $\$ 660$ million in net tax exemptions, an increase of 19 percent from 2012.

## Project Employment Goals

Most IDA project applications include job creation or retention goals, and since 1993 IDAs are required to report in their annual reports the estimated number of jobs created and retained by each project. Nearly three-quarters of active projects in 2013 had job creation goals, projecting the creation of a total of 215,594 jobs. Nearly half of projects had job retention goals, projecting the retention of 363,192 jobs.

In 2013, 58 percent of projects reported some salary data. There continues to be problems with the reporting of this data, with some projects reporting salaries of $\$ 1$ and others of several million dollars (this is meant to be the project's total salary rather than individual salaries). However, when the data are analyzed after removing the outliers and obvious errors, we are able to draw some reasonable conclusions. Reported salaries ranged from a project median of $\$ 27,000$ to a project median of $\$ 45,000$. The overall median salary of jobs created was $\$ 35,000$ and the median salary of jobs retained was $\$ 37,500$.

Revenues and Expenditures

IDAs reported total revenues of $\$ 85.3$ million, of which $\$ 64.7$ million were operating revenues. Charges for services - application and administrative fees, etc. - were $\$ 35.6$ million, 41.8 percent of all revenues. Rental and financing income was $\$ 16$ million, 18.7 percent of the total. IDAs also had non-operating revenues of $\$ 20.6$ million, including grants from the federal government and the State.

IDAs reported total expenses of $\$ 88.9$ million in 2013 . This is an average of $\$ 823,088$ in expenses per IDA, with a range from $\$ 0$ in reported expenses for the City of Port Jervis and the City of Rensselaer IDAs to $\$ 13.6$ million in expenses for the New York City IDA. Operating expenses accounted for $\$ 56.7$ million of this total. About 37 percent of IDA expenses were for personal services - salaries, wages, benefits and professional services contracts. IDAs also had non-operating expenses of $\$ 32.1$ million, including interest payments.

IDA Revenues, 2013


Source: OSC, PARIS.

IDA Expenses, 2013


## Regional Impacts

Long Island had the largest number of IDA projects in 2013, with 851 active projects. Western New York was close behind with 845 projects. New York City IDA projects had the highest total value, $\$ 14.8$ billion, but the highest project value per capita was $\$ 11,900$ in the Capital District. The Mid-Hudson region had the most net tax exemptions, $\$ 180.3$ million, while the Capital District had the highest net tax exemptions per capita, $\$ 105$. The New York City IDA had an estimated job gain of 45,512 , while IDAs in the North Country had an estimated job loss of 94 jobs.

## Regional IDA Statistics, 2013

|  | Projects | Total Project <br> Value <br> (billions) | Project Value <br> Per Capita | Net <br> Exemptions <br> (millions) | Net <br> Exemptions <br> Per Capita | Estimated <br> Jobs Gained | Median IDA Net <br> Exemptions Per <br> Job Gained |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Capital District | 363 | $\$ 12.8$ | $\$ 11,900$ | $\$ 113.2$ | $\$ 105$ | 20,424 | $\$ 1,148$ |
| Central NY | 257 | $\$ 4.8$ | $\$ 6,078$ | $\$ 21.7$ | $\$ 27$ | 12,726 | $\$ 2,126$ |
| Finger Lakes | 762 | $\$ 6.3$ | $\$ 5,163$ | $\$ 52.5$ | $\$ 43$ | 19,294 | $\$ 3,095$ |
| Long Island | 851 | $\$ 9.9$ | $\$ 3,508$ | $\$ 114.1$ | $\$ 40$ | 40,092 | $\$ 3,506$ |
| Mid-Hudson | 463 | $\$ 11.1$ | $\$ 4,854$ | $\$ 180.3$ | $\$ 79$ | 12,701 | $\$ 3,239$ |
| Mohawk Valley | 199 | $\$ 1.7$ | $\$ 3,924$ | $\$ 16.2$ | $\$ 37$ | 8,279 | $\$ 3,989$ |
| New York City | 575 | $\$ 14.8$ | $\$ 1,811$ | $\$ 68.9$ | $\$ 8$ | 45,512 | $\$ 1,514$ |
| North Country | 133 | $\$ 1.9$ | $\$ 4,404$ | $\$ 8.8$ | $\$ 21$ | -94 | $\$ 3,520$ |
| Southern Tier | 261 | $\$ 4.0$ | $\$ 5,550$ | $\$ 30.0$ | $\$ 42$ | 14,841 | $\$ 1,481$ |
| Western NY | 845 | $\$ 9.4$ | $\$ 6,718$ | $\$ 54.4$ | $\$ 39$ | 26,169 | $\$ 895$ |
| State | 4,709 | $\$ 76.8$ | $\$ 3,965$ | $\$ 60.1$ | $\$ 34$ | 199,943 | $\$ 2,095$ |
| NA - Not applicable.  <br> Source: OsC, PARIS.  |  |  |  |  |  |  |  |

## Recent Audits

Over the last year, OSC released nine IDA audit reports. These covered the IDAs for Cattaraugus, Clinton, Genesee, Orleans, Oswego, Schenectady and Schuyler counties, the Town of Islip and the City of Mount Vernon.

While OSC conducts audits on a risk basis, examining and reporting in depth on those areas with the highest degree of risk, several of the audits did identify activities where IDAs were performing effectively and also noted some best practices. For example, the Cattaraugus County and Genesee County IDAs were effective in their efforts to promote, develop and assist in economic development projects. The Genesee County IDA was also cited as exemplifying best practices in having "shovelready sites" as a way to attract new businesses to the area, which has led to the opening of major retail and manufacturing plants. The Islip and Schenectady IDAs generally had an effective process for billing and collecting PILOT payments in a timely fashion.

However, many of these audits found deficiencies in IDA processes related to approving projects, monitoring the project performance against goals, and recouping benefits from projects that failed to meet promised economic and job targets.

Several of the audits noted issues with the Uniform Tax Exemption Policy (UTEP). The UTEP provides guidelines under which projects qualify for tax exemption benefits, including the types of projects for which exemptions can be claimed and procedures for PILOTs. In the Genesee County and Mount Vernon IDAs, projects were not being consistently evaluated against those IDAs' UTEPs. For the Genesee and Schuyler County IDAs, the UTEPs themselves were found to be too vague to provide adequate criteria for approving or rejecting projects.

One particular UTEP element that was often lacking was a cost-benefit analysis, which can be an important tool for determining whether a project is advisable. Four audits specifically mentioned that the IDA either had no procedure for calculating cost-benefit ratios or did not document its calculation, making it impossible to ascertain if it had been part of the project approval process. For example, the Schuyler County IDA had no documented cost-benefit analysis or risk assessment as a part of its project approval process, while the Mount Vernon IDA was unable to produce cost-benefit analyses for many of its projects.

Several audits also highlighted deficiencies in the monitoring of the tax exemptions given to IDA projects or the PILOTs the projects were required to pay to local governments and school districts in lieu of forgone property taxes. The Clinton County IDA, for example, had not ensured that project properties were reconveyed to taxable status in a timely manner. Project properties were allowed to continue on tax-exempt rolls for up to 12 years after the expiration of their PILOT agreement, resulting in a loss of $\$ 1.7$ million of property tax revenues. Since the distribution of sales tax collections in the County was based on the taxable value of property, at least one town also lost sales tax revenue. PILOTs made by those projects were also not monitored properly, resulting in both under payments and over payments. Sales tax benefits, too, may have continued beyond the authorized period or for unauthorized purchases. As noted above, the Town of Islip IDA collected PILOTs on a timely basis; however, it did not distribute them promptly to local taxing jurisdictions.

Another area of concern was the monitoring of employment goals, and specifically how to recoup tax benefits if those goals were not reached. The County of Oswego IDA lacked a formal process to compare current and projected jobs at the time of application to the reported number of jobs actually created and retained. Moreover, many audits found that there was no mechanism to recoup benefits if the promised goals were not reached. This is typically achieved through the use of a "recapture" of benefits clause and related policies. While recapture is generally not a statutory requirement, it is nonetheless a best practice for accountability to taxpayers. For example, none of the Orleans County IDA's project agreements for PILOTs contained a recapture of benefits clause. One business closed three years into a 10 -year agreement, after making only $\$ 99,000$ in PILOT payments but receiving $\$ 605,000$ in tax exemptions.

Another recurring theme was the lack of adequate documentation to assess the effectiveness of projects. During an audit of the Schenectady County IDA, for instance, OSC was unable to use annual data collected from the IDA's projects to determine whether or not four out of the 10 projects reviewed had met their goals due to insufficient information that was reported by the projects to the IDA or, in one case, changes in the PILOT agreement since the original application. The Orleans County IDA did not require periodic reporting from its projects, or verify that reports were provided, and the City of Mount Vernon IDA was missing many project documents, including at least one application. Cattaraugus County IDA officials did not verify the investment and job information provided when businesses applied for financial assistance, and did not obtain annual confirmations from all active projects or verify the accuracy of the annual reported data they did obtain.

Finally, one audit - the Oswego County IDA - highlighted activities that were fundamentally inappropriate for an IDA. The IDA established a revolving loan program, using its own funds, to finance a portion of the cost of approved projects, despite the fact that current law does not authorize an IDA to establish this type of program. As of May 31, 2014, the Oswego County IDA had 90 such loans outstanding, totaling nearly $\$ 9.6$ million. OSC recommended that the IDA discontinue these loans and remit the funds that were being used for the loans to Oswego County.

## Recent and Proposed IDA Reforms

Starting in 2013, IDAs are required to report to the Commissioner of Taxation and Finance, within 30 days of providing financial assistance to any new project, the amount of all State sales tax exemptions granted. IDAs are also required to recapture (or clawback) and remit to the Department of Taxation and Finance (Tax and Finance) the value of any State sales tax exemptions that IDA projects have received improperly or that were received by a project that has failed to comply in certain ways with its agreement with the IDA. IDAs must also file with OSC, Tax and Finance, the Division of the Budget, the Department of Economic Development (DED) and the municipality for whose benefit the IDA was created an annual compliance report detailing, among other things, its clawback activities. ${ }^{12}$ In October 2014, a law was enacted that, among other things, repealed the enabling statutes for 27 defunct IDAs and directed the return of any existing records, property, rights, titles and interest to the municipality for which they were created. ${ }^{13}$ While none of these IDAs had been active for quite some time, supported any projects or carried any debt, the statutes that originally authorized their creation had still remained in New York State law.

IDAs have been working in many cases to improve their effectiveness by developing and sharing best practices among their organizations. OSC is developing legislation that would support IDA economic development activities by requiring the use of standardized project applications, cost-benefit analysis, uniform project agreements and provisions for the recapture of benefits for certain nonperformance.

|  |  | $\begin{aligned} & \overline{\mathrm{y}} \\ & \underset{\leftrightarrow}{\circ} \end{aligned}$ |  |  | $\begin{aligned} & \underset{N}{N} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \bar{y} \\ & \dot{G} \end{aligned}$ | $\begin{gathered} \underset{N}{N} \\ \underset{心}{-} \end{gathered}$ | $\begin{aligned} & \infty \\ & \stackrel{\circ}{\dot{O}} \\ & \stackrel{\sim}{\infty} \\ & \hline \end{aligned}$ | $\begin{aligned} & 8 \\ & \hline 8 \\ & \stackrel{0}{\infty} \end{aligned}$ | $\begin{aligned} & \frac{\infty}{0} \\ & \dot{\omega} \\ & \stackrel{0}{\omega} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{\widetilde{N}} \\ & \underset{\sim}{\prime} \end{aligned}$ | $\begin{aligned} & \bar{\circ} \\ & \text { N } \\ & \underset{\sigma}{\prime} \end{aligned}$ | $$ | $\begin{aligned} & \hat{N} \\ & \underset{\sim}{\circ} \\ & \underset{心}{c} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{\circ} \\ & \text { N } \\ & \text { N } \end{aligned}$ | $\begin{aligned} & \tilde{N} \\ & \infty \\ & \tilde{N} \end{aligned}$ | $$ | $\begin{aligned} & \text { O} \\ & \text { O } \\ & \dot{心} \end{aligned}$ | $\begin{aligned} & \stackrel{\circ}{\mathbf{m}} \\ & \underset{\leftrightarrow}{N} \end{aligned}$ | $\begin{aligned} & \stackrel{\otimes}{\circ} \\ & \underset{\sim}{0} \\ & \infty \\ & \underset{\Theta}{\circ} \end{aligned}$ | Z |  | $\begin{gathered} \stackrel{\rightharpoonup}{N} \\ \underset{\sim}{\star} \end{gathered}$ | $\begin{aligned} & \text { N} \\ & \text { 广 } \\ & \stackrel{0}{j} \end{aligned}$ | $\begin{aligned} & \stackrel{\circ}{\gtrless} \\ & \dot{\aleph} \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \text { O} \\ & \underset{\omega}{\infty} \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{\circ} \\ & \stackrel{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{\infty} \\ & \infty \\ & \infty \end{aligned}$ | $\underset{\substack{\bar{j} \\ \underset{\leftrightarrow}{\circ}}}{ }$ | cos |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { O} \\ & \stackrel{0}{\infty} \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \tilde{O}_{\infty}^{\infty} \\ & \stackrel{-}{\infty} \end{aligned}$ | $\underset{\sim}{\stackrel{N}{\infty}}$ | $\stackrel{\mathbb{N}}{\underset{\sim}{*}}$ | $\begin{aligned} & \text { N } \\ & \underset{\sim}{N} \\ & \underset{\sim}{2} \end{aligned}$ | $\frac{\underset{N}{N}}{\underset{\sim}{N}}$ | $\begin{aligned} & \frac{8}{2} \\ & \frac{0}{\infty} \end{aligned}$ | Z | $$ | O | $\begin{aligned} & N \\ & N \\ & N \end{aligned}$ | Z |  | Z | Z | Z | $\begin{aligned} & \underset{\sim}{N} \\ & \underset{\sim}{N} \end{aligned}$ | $\underset{\substack{\infty \\ \underset{\sim}{\infty} \\ \hline}}{\substack{n}}$ | Z | $\stackrel{\infty}{\stackrel{\infty}{i}}$ | $$ | $\begin{aligned} & \stackrel{\AA}{\circ} \\ & \stackrel{\sim}{\aleph} \\ & \stackrel{\leftrightarrow}{\circ} \end{aligned}$ | $\underset{\sim}{\sim}$ | $$ | $\begin{aligned} & \underset{~}{m} \\ & \underset{\epsilon}{2} \end{aligned}$ | $\stackrel{\ddot{m}}{\stackrel{m}{\omega}}$ | $\begin{aligned} & \underset{\sim}{\sim} \\ & \underset{\sim}{x} \end{aligned}$ | ¢ |
|  |  | $\begin{aligned} & \infty \\ & \hat{\omega} \\ & 0 \\ & \vdots \\ & \vdots \end{aligned}$ | $\begin{aligned} & \underset{N}{N} \\ & \underset{\sim}{N} \end{aligned}$ |  |  | $\begin{aligned} & \bullet \\ & \underset{c}{\alpha} \\ & \underset{\omega}{\infty} \end{aligned}$ | $\begin{aligned} & \stackrel{\circ}{心} \\ & \stackrel{N}{N} \\ & \stackrel{N}{N} \\ & \stackrel{-}{\infty} \end{aligned}$ |  |  | $\begin{aligned} & \stackrel{N}{\mathrm{O}} \\ & \underset{\mathrm{E}}{\mathrm{E}} \end{aligned}$ | $\begin{aligned} & \text { J } \\ & \text { © } \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & \text { 毋 } \\ & \infty \\ & \infty \\ & \stackrel{\circ}{\infty} \end{aligned}$ | $$ |  | $\begin{aligned} & 0 \\ & \infty \\ & \infty \\ & 0 \\ & 0 \\ & 0 \\ & \infty \\ & 0 \end{aligned}$ |  |  | $\begin{aligned} & \text { I } \\ & \text { O} \\ & \text { O } \\ & \text { O} \end{aligned}$ | $\begin{aligned} & \hat{0} \\ & \text { on } \\ & \text { B } \\ & \underset{\sim}{N} \end{aligned}$ |  |  | $\begin{aligned} & \frac{\pi}{6} \\ & \stackrel{0}{6} \\ & \end{aligned}$ |  | $\begin{aligned} & N \\ & \infty \\ & \underset{\infty}{\sim} \\ & \underset{\infty}{\sim} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{N} \\ & \infty \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & \mathbf{o} \\ & 0 \\ & \infty \\ & \underset{\sim}{\infty} \end{aligned}$ |  | $\begin{aligned} & \circ \\ & \stackrel{\circ}{m} \\ & \underset{\sim}{\omega} \end{aligned}$ |  |  |
|  |  | $\begin{aligned} & \\ & \hat{\omega} \\ & \underset{\sim}{\aleph} \end{aligned}$ | Z | $\begin{aligned} & \dot{O} \\ & \infty \\ & \dot{\infty} \end{aligned}$ | $\underset{\sim}{N}$ | $\begin{aligned} & \bar{n} \\ & \dot{8} \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \text { \& } \\ & \underset{\infty}{\infty} \\ & \underset{\leftrightarrow}{2} \end{aligned}$ | $\frac{\text { I }}{\underset{\sim}{\star}}$ | N | Z | $\underset{\sim}{\check{\sim}}$ | $\begin{aligned} & \text { 员 } \\ & \underset{\aleph}{N} \end{aligned}$ | $\begin{aligned} & \text { 答 } \end{aligned}$ | z | $\begin{aligned} & \underset{\sim}{\underset{N}{*}} \\ & \underset{\leftrightarrow}{\prime} \end{aligned}$ | Z | Z | z | $\begin{gathered} \mathbb{N} \\ \underset{\sim}{N} \end{gathered}$ | $\begin{aligned} & 8 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | Z | Z | $$ | $\begin{array}{\|c} \stackrel{0}{N} \\ \underset{\sim}{n} \\ \underset{\sim}{2} \end{array}$ | $\begin{aligned} & \hat{N} \\ & \underset{\sim}{n} \end{aligned}$ | $\stackrel{9}{0}$ | $\begin{aligned} & \text { \& } \\ & \infty \\ & \dot{\infty} \end{aligned}$ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{6} \\ & i n \\ & \Theta 0 \end{aligned}$ | $\begin{aligned} & \overline{6} \\ & \underset{N}{N} \end{aligned}$ | N |
|  |  | N | ล̀ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{\infty} \\ & \stackrel{-1}{2} \end{aligned}$ | へ | $\stackrel{\infty}{\circ}$ | $\stackrel{\circ}{\circ}$ | $\frac{\bar{\infty}}{\stackrel{\infty}{\infty}}$ | $\underset{\infty}{\infty}$ | $\stackrel{\infty}{\underset{\sim}{\sim}}$ | $\stackrel{N}{\mp}$ | $\frac{m}{m}$ | $\stackrel{\circ}{\mp}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{m} \\ & \underset{M}{m} \end{aligned}$ | $\begin{gathered} \text { Ǹ } \\ \text { N- } \end{gathered}$ | ¢ | $\stackrel{N}{\mathrm{~m}}$ | N | $\begin{aligned} & \stackrel{4}{6} \\ & \stackrel{y y}{c} \end{aligned}$ | N | $\bigcirc$ | －̀ल | 갗 | ¢ | － | $\pm$ | $\begin{aligned} & \text { ò } \\ & \stackrel{y}{\mathrm{~N}} \end{aligned}$ | ¢ | $\begin{aligned} & \sim_{\infty}^{\infty} \\ & \stackrel{\infty}{\Gamma} \end{aligned}$ | ＋ |
|  |  | $\begin{aligned} & \stackrel{\varrho}{\infty} \\ & \stackrel{\infty}{i} \end{aligned}$ | － | $\begin{aligned} & \stackrel{N}{\mathrm{~N}} \\ & \underset{\sim}{2} \end{aligned}$ | $\stackrel{\hat{\mathrm{O}}}{\substack{\mathrm{~N}}}$ | $\stackrel{\circ}{6}$ | $\stackrel{\bar{N}}{\underset{\sim}{N}}$ | $\begin{aligned} & \text { N్ } \\ & \text { Nో } \end{aligned}$ | $\underset{\sim}{\underset{\sim}{~}}$ | $\underset{\sim}{\underset{\sim}{f}}$ | $\begin{aligned} & \text { O} \\ & \stackrel{\infty}{\infty} \end{aligned}$ | $\stackrel{\stackrel{\circ}{\mathrm{N}}}{\stackrel{-}{\sim}}$ | ¢ |  | $\begin{aligned} & \dot{\sigma} \\ & \dot{\sigma} \end{aligned}$ | ¢ | \＆ | $\begin{aligned} & \text { O} \\ & \stackrel{0}{-} \end{aligned}$ | $\begin{aligned} & \pm \\ & \stackrel{\rightharpoonup}{\circ} \\ & \text { N } \end{aligned}$ | $\stackrel{\stackrel{\infty}{\underset{\sim}{\sim}}}{\sim}$ | － | $\stackrel{ஜ}{\underset{\sim}{\sim}}$ | $\stackrel{\bar{\sim}}{\stackrel{-}{\sim}}$ | ㄷ | $\begin{aligned} & \dot{\infty} \\ & \stackrel{\sim}{C} \end{aligned}$ | $\begin{aligned} & \text { O} \\ & \stackrel{\circ}{\mathrm{N}} \end{aligned}$ | $\begin{aligned} & \infty \\ & \\ & \underset{\sim}{0} \end{aligned}$ | $\begin{aligned} & \stackrel{\rho}{\infty} \\ & \stackrel{\infty}{\sim} \end{aligned}$ | $$ | $\xrightarrow{\text { N }}$ |
|  |  | $\begin{aligned} & \underset{\sim}{U} \\ & \stackrel{y}{c} \end{aligned}$ | ¢ | $\begin{aligned} & \text { N } \\ & \text { N } \end{aligned}$ | $\begin{aligned} & \mathrm{o} \\ & \stackrel{\mathrm{t}}{2} \end{aligned}$ | $\stackrel{\infty}{N}$ | $\begin{aligned} & \text { ! } \\ & \stackrel{0}{\circ} \\ & \end{aligned}$ | $\underset{N_{j}^{\prime}}{\underset{\sim}{t}}$ | $\begin{aligned} & \stackrel{\sim}{0} \\ & \stackrel{\mathrm{~m}}{\mathrm{o}} \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { No } \\ & \text { © } \end{aligned}$ | $\stackrel{\infty}{\stackrel{\infty}{\Gamma}}$ |  | $\stackrel{\sim}{\sim}$ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{\infty} \\ & \sim_{0}^{-} \end{aligned}$ | $\begin{aligned} & \underset{N}{N} \\ & \underset{\sim}{n} \end{aligned}$ | N | $\underset{\underset{\sim}{\mathrm{N}}}{ }$ | $\begin{aligned} & \text { d } \\ & \stackrel{\sim}{r} \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \underset{~}{2} \end{aligned}$ | ¢ | $\bigcirc$ | $\stackrel{\infty}{\infty}$ | ָ̄ | ＠ | $\stackrel{m}{N}$ | $\begin{aligned} & \circ \\ & \stackrel{e}{N} \\ & \hline \end{aligned}$ | N $\underset{\sim}{\mathrm{N}}$ | $\stackrel{\sim}{\infty}$ | $\begin{aligned} & \infty \\ & 0 \\ & \underset{\sim}{\circ} \end{aligned}$ | $\stackrel{\infty}{\stackrel{\sim}{\sim}}$ |
|  |  | $\begin{aligned} & \stackrel{\rightharpoonup}{ث} \\ & \stackrel{y}{2} \end{aligned}$ | 읏 | $\begin{aligned} & \bar{\infty} \\ & \underset{\sim}{2} \end{aligned}$ | $\begin{aligned} & \infty \\ & \infty \\ & \underset{\sim}{0} \end{aligned}$ | $\stackrel{\infty}{N}$ | $\begin{aligned} & \text { + } \\ & \stackrel{0}{0} \end{aligned}$ | $\underset{\sim}{\underset{\sim}{t}}$ | $\underset{\underset{\sim}{N}}{\underset{\sim}{N}}$ | $\begin{aligned} & \text { ö } \\ & \stackrel{\circ}{\circ} \end{aligned}$ | $\stackrel{\infty}{\stackrel{\infty}{\Gamma}}$ | $\stackrel{m}{\underset{\sim}{\tau}}$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\circ}{\stackrel{\circ}{6}}$ | $\frac{N}{\underset{\sigma}{j}}$ | N | $\underset{\sim}{\underset{\sim}{N}}$ | N | $\stackrel{\rightharpoonup}{\mathrm{O}}$ | $\frac{m}{5}$ | $\bigcirc$ | ※ | － | $\stackrel{\infty}{\infty}$ | $\stackrel{\ominus}{\div}$ | $\underset{N}{\mathrm{~N}}$ | $\begin{aligned} & \varrho \\ & \underset{\sim}{\sigma} \\ & \dot{j} \end{aligned}$ | ¢ | $\begin{aligned} & \underset{N}{N} \\ & \underset{N}{n} \end{aligned}$ | $\stackrel{\text { ¢ }}{\stackrel{m}{\text { m }}}$ |
|  |  | $\stackrel{\circ}{\sim}$ | $\stackrel{\square}{\square}$ | $\stackrel{\otimes}{\infty}$ | $\stackrel{\circ}{\square}$ | － | O্ণ |  | $\begin{aligned} & \mathscr{Y} \end{aligned}$ | $\stackrel{\stackrel{L}{\mathrm{~N}}}{\stackrel{1}{c}}$ | 「 | ¢్లు | $\stackrel{\square}{6}$ | $\stackrel{\Im}{\mathbf{N}}$ | $\stackrel{\infty}{\stackrel{\infty}{\sim}}$ | $\stackrel{\circ}{\circ}$ | $\stackrel{\infty}{\sim}$ | ¢ | $\begin{aligned} & \text { O} \\ & \stackrel{\circ}{\infty} \end{aligned}$ | N | $\bigcirc$ | \％ | $\overline{\text { ¢ }}$ | $\stackrel{\text { N }}{ }$ | $\stackrel{\sim}{\infty}$ | $\stackrel{\text { ¢ }}{\text {＋}}$ | $\stackrel{\sim}{\underset{\sim}{\sim}}$ | $\stackrel{\text { ® }}{\sim}$ | $\begin{aligned} & \circ \\ & \infty \\ & \end{aligned}$ | $\stackrel{\text { ¢ }}{\substack{\text { en } \\ \text {－}}}$ |
|  |  | $\begin{aligned} & \infty \\ & \stackrel{\infty}{N} \\ & \tilde{N} \\ & \mathbb{Z} \end{aligned}$ | $\stackrel{N}{N}_{\underset{N}{N}}^{\substack{1}}$ |  | $\begin{aligned} & \bar{i} \\ & \stackrel{n}{i} \\ & \stackrel{i}{*} \end{aligned}$ | $$ | $\begin{aligned} & \hat{0} \\ & \hat{0} \\ & \underset{O}{\circ} \\ & \text { in } \end{aligned}$ | $\begin{aligned} & \text { n } \\ & \stackrel{6}{6} \\ & \stackrel{6}{5} \\ & \hline \end{aligned}$ | $\begin{aligned} & \underset{\sim}{0} \\ & e_{0}^{\prime} \\ & \stackrel{0}{\infty} \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \underset{\sim}{x} \\ & \infty \\ & \underset{\sim}{e} \end{aligned}$ | $\begin{gathered} \underset{\sim}{N} \\ \underset{\sim}{n} \end{gathered}$ | $\begin{aligned} & \mathscr{L} \\ & \stackrel{\sim}{\infty} \\ & \stackrel{\sim}{\leftrightarrow} \end{aligned}$ | $\begin{aligned} & \bar{\sigma} \\ & \underset{\leftrightarrow}{*} \end{aligned}$ |  |  | $\begin{aligned} & \mathbb{Z} \\ & \mathbb{N} \\ & \mathbb{N} \\ & \hdashline 8 \end{aligned}$ | $\begin{aligned} & \infty \\ & \underset{N}{N} \\ & \stackrel{0}{m} \\ & \underset{\leftrightarrow}{2} \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \underset{N}{\mathbf{N}} \\ & \underset{\sim}{n} \end{aligned}$ |  |  | Z | $\frac{I}{A}$ | $\frac{\circ}{\circ}$ | $\begin{aligned} & \bar{\infty} \\ & \infty \\ & \omega \\ & \stackrel{\sim}{0} \\ & \underset{\sim}{n} \end{aligned}$ |  | $\stackrel{\infty}{\stackrel{\infty}{\underset{\leftrightarrow}{\varkappa}}}$ | $\begin{aligned} & \text { N } \\ & \text { O} \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  | $\begin{aligned} & \text { f } \\ & \infty \\ & \text { N } \\ & \stackrel{H}{\omega} \end{aligned}$ | － |
|  |  | $\begin{aligned} & \stackrel{\infty}{\omega} \\ & \underset{\sim}{\omega} \\ & \underset{\sim}{0} \\ & \underset{\sim}{\infty} \end{aligned}$ |  | $\begin{aligned} & \stackrel{5}{\circ} \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\sim}{\circ} \end{aligned}$ | $\begin{aligned} & \mathbb{Z} \\ & \underset{\sim}{\mathcal{N}} \\ & \underset{\sim}{2} \end{aligned}$ |  |  |  |  |  | $\begin{aligned} & \overline{0} \\ & \underset{\sim}{N} \\ & \underset{\leftrightarrow}{\infty} \end{aligned}$ | $\begin{aligned} & \infty \\ & \stackrel{\infty}{N} \\ & \stackrel{\sim}{\circ} \\ & \leftrightarrow \end{aligned}$ | $\begin{aligned} & \text { Q } \\ & \text { O } \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  | $$ |  |  | $\begin{aligned} & \mathfrak{N} \\ & \underset{\sim}{N} \\ & \underset{\sim}{0} \\ & \underset{\sim}{n} \end{aligned}$ | $\stackrel{\stackrel{\sim}{N}}{\stackrel{N}{N}}$ | $\begin{aligned} & \underset{y}{j} \\ & \underset{\sim}{N} \\ & \underset{\sim}{j} \\ & \underset{\sim}{2} \end{aligned}$ | 8 |  | $\begin{aligned} & \bar{\circ} \\ & \text { in } \\ & \text { in } \\ & \text { Nin } \end{aligned}$ |  | $\begin{aligned} & \otimes \\ & \infty \\ & \stackrel{\infty}{\infty} \\ & \underset{\sim}{=} \end{aligned}$ | $\begin{aligned} & \bar{n} \\ & \infty \\ & 0 \\ & 0 \end{aligned}$ |  |  |  | $\sim$ $\infty$ $\infty$ $\stackrel{+}{N}$ $\sim$ $\infty$ $\sim$ |
| 0 0 0 0 00 00 | － | 앙 | $\begin{aligned} & \text { U } \\ & \text { O} \\ & \text { O} \\ & \text { Con } \end{aligned}$ |  | $\begin{aligned} & \infty \\ & \stackrel{\infty}{\infty} \\ & \stackrel{\leftrightarrow}{\infty} \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & \infty \\ & \underset{\sim}{N} \\ & \underset{\sim}{\infty} \\ & \underset{\sim}{2} \end{aligned}$ |  |  | $\begin{aligned} & 0 \\ & \infty \\ & \infty \\ & \infty \\ & \infty \\ & \infty \end{aligned}$ | $\begin{aligned} & \bar{\aleph} \\ & \infty \\ & \infty \\ & \infty \\ & \infty \\ & \infty \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { O} \\ & \stackrel{0}{N} \\ & \underset{\sim}{N} \end{aligned}$ | $\frac{\tilde{N}}{\stackrel{\tilde{N}}{\overleftarrow{N}}}$ |  | $\begin{aligned} & \hat{F} \\ & \dot{F} \\ & \infty \\ & \dot{F} \end{aligned}$ |  | $\begin{aligned} & \text { N్ } \\ & \text { © } \end{aligned}$ | $\begin{aligned} & \bullet \\ & \stackrel{Q}{0} \\ & \stackrel{0}{D} \\ & \underset{\sim}{\infty} \end{aligned}$ |  | $\begin{aligned} & \infty \\ & 0 \\ & 0 \\ & 0 \\ & \infty \\ & \vdots \\ & \vdots \\ & \hline \end{aligned}$ |  | \％ |  | $\begin{aligned} & \stackrel{n}{N} \\ & \underset{N}{\dot{O}} \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \underset{\sim}{\sim} \\ & \infty \\ & \infty \\ & \underset{\sim}{\infty} \\ & \underset{\sim}{-} \end{aligned}$ | $\begin{aligned} & \frac{\infty}{\infty} \\ & \stackrel{\infty}{\infty} \\ & \stackrel{-}{\leftrightarrow} \end{aligned}$ |  |  |  | O |
| $\begin{aligned} & \text { © } \\ & \stackrel{せ}{\mathbf{O}} \\ & \pm \end{aligned}$ |  | $\begin{aligned} & \underset{\sim}{\infty} \\ & \underset{\sim}{\omega} \\ & \underset{\sim}{0} \\ & \underset{\sim}{\infty} \end{aligned}$ | 8 |  | $\begin{aligned} & N \\ & \underset{N}{N} \\ & \underset{\sim}{N} \end{aligned}$ |  |  |  |  |  | $$ |  |  |  |  | $\begin{aligned} & \stackrel{\underset{J}{J}}{\underset{\sim}{\dot{G}}} \end{aligned}$ | $\begin{aligned} & \text { N} \\ & \text { N } \\ & \text { N} \\ & \underset{\sim}{n} \end{aligned}$ |  | $\begin{aligned} & \text { m} \\ & \underset{\sim}{n} \\ & \text { in } \\ & \text { in } \end{aligned}$ | $\begin{aligned} & \hat{N} \\ & \underset{N}{N} \\ & N \\ & \dot{心} \end{aligned}$ | 8 | $\begin{aligned} & \infty \\ & \infty \\ & \infty \\ & \underset{\sim}{\infty} \\ & \underset{\sim}{\infty} \\ & \hline \end{aligned}$ | $\begin{gathered} \underset{N}{N} \\ \underset{\sim}{N} \\ \underset{\sim}{*} \end{gathered}$ |  | $\begin{aligned} & \infty \\ & \stackrel{\infty}{N} \\ & \underset{N}{N} \\ & \underset{\sim}{n} \end{aligned}$ | $\begin{aligned} & \AA \\ & \text { © } \\ & \stackrel{N}{5} \end{aligned}$ | $\begin{aligned} & \infty \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  | $\begin{aligned} & \text { O } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & \hline 0 \\ & 0 \\ & \hline 0 \end{aligned}$ | ¢ |
|  |  |  |  |  | O N N N N |  |  | H <br> N <br> N <br> N <br> W <br> W <br>  |  |  |  |  |  |  |  | $\begin{aligned} & N \\ & N \\ & \underset{N}{N} \\ & \underset{\sim}{\mathcal{W}} \end{aligned}$ |  | $\begin{aligned} & \bar{\delta} \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |  | \％ |  |  | $$ | $\begin{aligned} & \text { O} \\ & \text { O } \\ & \underset{N}{N} \\ & \underset{N}{N} \end{aligned}$ |  |  | $\begin{aligned} & \tilde{N} \\ & \infty \\ & \tilde{\omega} \\ & \underset{6}{N} \\ & \underset{\sim}{0} \end{aligned}$ |  |  |
| $\frac{\text { U }}{0}$ | \％ | $\stackrel{\infty}{\sim}$ | $\wedge$ | ¢ | m | $F$ | \％ | $\stackrel{\infty}{+}$ | $\stackrel{\square}{\square}$ | ¢ | $\cong$ | $\pm$ | $\cong$ | m | $\stackrel{\text { N }}{\sim}$ | $\stackrel{\infty}{\sim}$ | $F$ | 안 | 8 | $\pm$ | $\bigcirc$ | ¢ | $\stackrel{\circ}{\sim}$ | $\wedge$ | $\stackrel{\sim}{\sim}$ | $\stackrel{\square}{\bullet}$ | \％ | $\stackrel{\sim}{\square}$ | $\stackrel{\infty}{\sim}$ | $\stackrel{\text { }}{\sim}$ |
|  | $\overleftrightarrow{\text {＠}}$ |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { İ } \\ & \text { 宕 } \\ & 0 \\ & \text { 으 } \\ & \text { 릉 } \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 <br> 0 <br> 0 <br> 0 <br> 3 <br> 3 <br> 0 | $\begin{aligned} & \text { त् } \\ & \vdots \\ & 0 \\ & 0 \\ & \stackrel{\rightharpoonup}{5} \\ & \text { in } \\ & \vdots \\ & \vdots \end{aligned}$ |  |  |  |  |  |


| 2013 IDA Financial and Employment Statistics |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IDA | Project Count | Total Project Values | Total Tax Exemptions | Total PILOTs | Net Tax Exemptions * | Net Exemptions per Project | Estimated Jobs to Be Created | Estimated Jobs to Be Retained | Full Time Equivalents Before IDA | Current Full Time Equivalents | Estimated Net Job Change | Net <br> Exemptions <br> per Job <br> Gained | IDA Expenses | $\begin{gathered} \text { Expenses } \\ \text { per Job } \\ \text { Gained } \end{gathered}$ | Expenses per Project |
| Oneida County | 108 | \$766,289,523 | \$12,654,238 | \$7,945,208 | \$4,709,030 | \$43,602 | 2,845 | 9,879 | 14,124 | 20,350 | 6,226 | \$756 | \$213,500 | \$34 | \$1,977 |
| Onondaga County | 88 | \$932,401,962 | \$16,535,232 | \$10,226,354 | \$6,308,878 | \$71,692 | 4,084 | 8,429 | 8,472 | 12,459 | 3,987 | \$1,582 | \$342,057 | \$86 | \$3,887 |
| Ontario County | 48 | \$314,755,392 | \$7,502,706 | \$3,591,535 | \$3,911,171 | \$81,483 | 741 | 2,948 | 2,948 | 4,842 | 1,894 | \$2,065 | \$909,531 | \$480 | \$18,949 |
| Orange County | 38 | \$851,166,311 | \$82,742,311 | \$3,253,088 | \$79,489,224 | \$2,091,822 | 3,392 | 6,958 | 6,959 | 7,744 | 785 | \$101,223 | \$1,576,912 | \$2,008 | \$41,498 |
| Orleans County | 24 | \$135,301,065 | \$2,361,374 | \$1,965,706 | \$395,668 | \$16,486 | 805 | 1,507 | 1,645 | 2,447 | 802 | \$493 | \$344,234 | \$429 | \$14,343 |
| Oswego County | 37 | \$1,081,695,772 | \$9,773,923 | \$7,695,079 | \$2,078,844 | \$56,185 | 1,084 | 1,120 | 1,129 | 1,935 | 806 | \$2,579 | \$519,875 | \$645 | \$14,051 |
| Otsego County | 15 | \$124,181,777 | \$674,051 | \$291,345 | \$382,706 | \$25,514 | 170 | 2,705 | 2,730 | 4,210 | 1,480 | \$259 | \$288,494 | \$195 | \$19,233 |
| Putnam County | 14 | \$93,220,000 | \$1,294,753 | \$1,106,916 | \$187,837 | \$13,417 | 313 | 956 | 971 | 1,284 | 313 | \$600 | \$9,493 | \$30 | \$678 |
| Rensselaer County | 58 | \$1,207,545,146 | \$45,729,990 | \$8,160,591 | \$37,569,400 | \$647,748 | 3,460 | 2,261 | 2,615 | 6,606 | 3,991 | \$9,414 | \$1,758,923 | \$441 | \$30,326 |
| Rockland County | 44 | \$1,378,579,180 | \$10,300,220 | \$3,001,837 | \$7,298,383 | \$165,872 | 1,675 | 5,770 | 5,824 | 7,169 | 1,345 | \$5,427 | \$237,477 | \$177 | \$5,397 |
| St. Lawrence County | 33 | \$182,844,153 | \$1,161,181 | \$334,936 | \$826,245 | \$25,038 | 330 | 1,965 | 2,689 | 3,415 | 726 | \$1,138 | \$1,289,063 | \$1,776 | \$39,063 |
| Saratoga County | 28 | \$7,058,447,936 | \$29,941,826 | \$13,560,467 | \$16,381,359 | \$585,049 | 2,335 | 1,755 | 1,755 | 6,306 | 4,551 | \$3,600 | \$429,833 | \$94 | \$15,351 |
| Schenectady County | 29 | \$193,801,809 | \$9,534,150 | \$8,015,202 | \$1,518,948 | \$52,378 | 1,364 | 7,461 | 7,461 | 9,539 | 2,078 | \$731 | \$154,268 | \$74 | \$5,320 |
| Schoharie County | 7 | \$113,499,985 | \$5,270,774 | \$2,215,834 | \$3,054,940 | \$436,420 | 461 | 149 | 150 | 754 | 604 | \$5,058 | \$155,630 | \$258 | \$22,233 |
| Schuyler County | 11 | \$77,029,760 | \$1,705,233 | \$1,030,368 | \$674,865 | \$61,351 | 444 | 296 | 296 | 804 | 508 | \$1,328 | \$61,420 | \$121 | \$5,584 |
| Seneca County | 38 | \$394,495,520 | \$6,344,183 | \$1,991,378 | \$4,352,805 | \$114,547 | 974 | 678 | 1,568 | 2,532 | 964 | \$4,515 | \$802,837 | \$833 | \$21,127 |
| Steuben County | 46 | \$1,717,272,750 | \$23,589,239 | \$9,156,697 | \$14,432,542 | \$313,751 | 4,394 | 1,877 | 1,880 | 5,389 | 3,510 | \$4,112 | \$1,587,944 | \$452 | \$34,521 |
| Suffolk County | 134 | \$2,386,820,773 | \$22,231,476 | \$13,164,205 | \$9,067,271 | \$67,666 | 12,042 | 9,872 | 10,546 | 24,626 | 14,080 | \$644 | \$1,025,013 | \$73 | \$7,649 |
| Sullivan County | 58 | \$376,179,500 | \$6,842,322 | \$4,070,058 | \$2,772,263 | \$47,798 | 2,409 | 514 | 514 | 2,979 | 2,465 | \$1,125 | \$434,098 | \$176 | \$7,484 |
| Tioga County | 8 | \$265,422,250 | \$8,173,555 | \$5,675,910 | \$2,497,645 | \$312,206 | 853 | 3,135 | 3,135 | 2,873 | -262 | NA | \$313,037 | NA | \$39,130 |
| Tompkins County | 54 | \$496,873,691 | \$6,846,994 | \$4,989,880 | \$1,857,114 | \$34,391 | 1,596 | 3,146 | 3,146 | 6,267 | 3,121 | \$595 | \$111,637 | \$36 | \$2,067 |
| Ulster County | 36 | \$356,328,026 | \$4,407,701 | \$1,384,253 | \$3,023,448 | \$83,985 | 1,130 | 2,445 | 2,445 | 3,990 | 1,546 | \$1,956 | \$195,844 | \$127 | \$5,440 |
| Warren \& Washington Counties | 19 | \$209,599,226 | \$951,334 | \$527,824 | \$423,509 | \$22,290 | 385 | 2,932 | 2,934 | 3,532 | 598 | \$708 | \$151,172 | \$253 | \$7,956 |
| Wayne County | 50 | \$147,426,327 | \$2,953,228 | \$1,690,423 | \$1,262,806 | \$25,256 | 1,262 | 563 | 2,307 | 2,705 | 398 | \$3,173 | \$899,114 | \$2,259 | \$17,982 |
| Westchester County | 92 | \$3,095,137,405 | \$38,207,042 | \$25,730,802 | \$12,476,240 | \$135,611 | 7,847 | 9,769 | 10,267 | 18,249 | 7,982 | \$1,563 | \$902,250 | \$113 | \$9,807 |
| Wyoming County | 38 | \$890,839,837 | \$13,909,115 | \$1,235,314 | \$12,673,801 | \$333,521 | 1,128 | 1,350 | 1,364 | 1,939 | 575 | \$22,032 | \$304,235 | \$529 | \$8,006 |
| Yates County | 22 | \$89,684,687 | \$734,233 | \$425,013 | \$309,220 | \$14,055 | 145 | 478 | 478 | 550 | 72 | \$4,295 | \$601,335 | \$8,352 | \$27,333 |


| 2013 IDA Financial and Employment Statistics |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IDA | Project Count | Total Project Amounts | Total Tax Exemptions | $\begin{aligned} & \text { Total } \\ & \text { PILOTs } \end{aligned}$ | $\begin{gathered} \text { Net Tax } \\ \text { Exemptions * } \end{gathered}$ | $\begin{gathered} \text { Net } \\ \text { Exemptions } \\ \text { per Project } \end{gathered}$ | Estimated Jobs to Be Created | Estimated Jobs to Be Retained | Full Time Equivalents Before IDA | $\begin{aligned} & \text { Current } \\ & \text { Full Time } \\ & \text { Equivalents } \end{aligned}$ | Estimated Net Job Change | $\begin{array}{\|c\|} \hline \text { Net } \\ \hline \text { Exemptions } \\ \text { per Job } \\ \text { Gained } \end{array}$ | Operating Expenses | $\begin{array}{\|c\|} \text { Expenses } \\ \text { per Job } \\ \text { Gained } \end{array}$ | Expenses per Project |
| City of Albany | 87 | \$1,221,068,709 | \$8,088,352 | \$4,455,210 | \$3,633,142 | \$41,760 | 2,431 | 3,595 | 6,824 | 10,345 | 3,521 | \$1,032 | \$669,984 | \$190 | \$7,701 |
| City of Amsterdam | 7 | \$5,804,000 | \$52,788 | \$44,450 | \$8,338 | \$1,191 | 28 | 261 | 261 | 197 | -64 | NA | \$370,441 | NA | \$52,920 |
| City of Aubum | 15 | \$202,562,381 | \$2,624,686 | \$1,370,480 | \$1,254,206 | \$83,614 | 891 | 730 | 794 | 1,384 | 590 | \$2,126 | \$1,393,227 | \$2,361 | \$92,882 |
| City of Cohoes | 7 | \$117,360,000 | \$2,563,102 | \$1,637,688 | \$925,414 | \$132,202 | 35 | 331 | 331 | 294 | -37 | NA | \$213,040 | NA | \$30,434 |
| City of Dunkirk | 3 | \$7,942,419 | \$205,092 | \$40,000 | \$165,092 | \$55,031 | 16 | 42 | 42 | 15 | -27 | NA | \$48 | NA | \$16 |
| City of Geneva | 7 | \$82,452,000 | \$3,146,585 | \$543,380 | \$2,603,205 | \$371,886 | 475 | 362 | 1,412 | 1,851 | 439 | \$5,930 | \$306,376 | \$698 | \$43,768 |
| City of Glen Cove | 8 | \$146,710,186 | \$5,173,089 | \$2,891,290 | \$2,281,799 | \$285,225 | 86 | 67 | 69 | 93 | 24 | \$95,075 | \$3,102,615 | \$129,276 | \$387,827 |
| City of Glens Falls | 8 | \$66,545,480 | \$662,649 | \$159,671 | \$502,977 | \$62,872 | 41 | 0 | 0 | 206 | 206 | \$2,448 | \$43,980 | \$214 | \$5,498 |
| City of Hornell | 17 | \$56,051,787 | \$1,336,430 | \$1,346,790 | -\$10,360 | -\$609 | 1,189 | 94 | 95 | 710 | 615 | NA | \$895,111 | \$1,455 | \$52,654 |
| City of Hudson | 0 | \$0 | \$0 | \$0 | \$0 | NA | 0 | 0 | 0 | 0 | 0 | NA | \$2,980 | NA | NA |
| City of Middletown | 6 | \$74,164,600 | \$742,878 | \$191,487 | \$551,391 | \$91,899 | 307 | 16 | 21 | 131 | 111 | \$4,990 | \$26,200 | \$237 | \$4,367 |
| City of Mount Vernon | 17 | \$155,482,807 | \$3,652,389 | \$951,141 | \$2,701,248 | \$158,897 | 755 | 61 | 61 | 829 | 768 | \$3,517 | \$1,111,197 | \$1,447 | \$65,365 |
| City of New Rochelle | 17 | \$654,794,152 | \$18,132,534 | \$2,873,204 | \$15,259,330 | \$897,608 | 624 | 566 | 573 | 1,161 | 588 | \$25,962 | \$118,183 | \$201 | \$6,952 |
| New York City | 575 | \$14,808,794,622 | \$360,197,702 | \$291,302,438 | \$68,895,263 | \$119,818 | 55,810 | 103,424 | 103,424 | 148,936 | 45,512 | \$1,514 | \$13,602,638 | \$299 | \$23,657 |
| City of Newburgh | 8 | \$78,984,000 | \$1,219,368 | \$437,898 | \$781,470 | \$97,684 | 23 | 0 | 0 | 264 | 264 | \$2,960 | \$309,854 | \$1,174 | \$38,732 |
| City of Peekskill | 8 | \$95,453,584 | \$2,399,800 | \$741,704 | \$1,658,096 | \$207,262 | 71 | 410 | 410 | 604 | 194 | \$8,547 | \$75,219 | \$388 | \$9,402 |
| City of Port Jervis | 3 | \$18,895,000 | \$232,979 | \$11,178 | \$221,801 | \$73,934 | 35 | 290 | 290 | 313 | 23 | \$9,644 | \$0 | \$0 | \$0 |
| City of Poughkeepsie | 5 | \$49,652,702 | \$1,719,494 | \$669,385 | \$1,050,109 | \$210,022 | 0 | 0 | 0 | 412 | 412 | \$2,549 | \$12,990 | \$32 | \$2,598 |
| City of Rensselaer | 1 | \$2,267,280 | \$120,000 | \$0 | \$120,000 | \$120,000 | 59 | 0 | 0 | 4 | 4 | \$30,000 | \$0 | \$0 | \$0 |
| City of Salamanca | 1 | \$100,000 | \$2,452 | \$2,452 | \$0 | \$0 | 2 | 0 | 0 | 2 | 2 | \$0 | \$1,204,138 | \$602,069 | \$1,204,138 |
| City of Schenectady | 34 | \$375,654,750 | \$7,729,266 | \$4,616,799 | \$3,112,467 | \$91,543 | 1,980 | 1,245 | 2,154 | 4,835 | 2,681 | \$1,161 | \$26,981 | \$10 | \$794 |
| City of Syracuse | 76 | \$2,182,744,975 | \$27,743,605 | \$19,316,223 | \$8,427,382 | \$110,887 | 5,532 | 10,359 | 10,726 | 16,715 | 5,989 | \$1,407 | \$5,565,419 | \$929 | \$73,229 |
| City of Troy | 16 | \$292,667,500 | \$1,499,228 | \$801,041 | \$698,187 | \$43,637 | 1,467 | 502 | 575 | 1,205 | 630 | \$1,108 | \$181,266 | \$288 | \$11,329 |
| City of Utica | 21 | \$103,707,384 | \$1,928,274 | \$471,690 | \$1,456,584 | \$69,361 | 522 | 744 | 850 | 1,347 | 497 | \$2,931 | \$8,652 | \$17 | \$412 |
| City of Yonkers | 59 | \$2,691,864,478 | \$48,668,518 | \$21,064,282 | \$27,604,236 | \$467,868 | 7,514 | 3,541 | 5,232 | 11,706 | 6,474 | \$4,264 | \$2,118,085 | \$327 | \$35,900 |
| Mechanicville-Stillwater | 1 | \$6,650,000 | \$412,551 | \$132,339 | \$280,212 | \$280,212 | 91 | 104 | 104 | 351 | 247 | \$1,134 | \$27,042 | \$109 | \$27,042 |
| Town of Amherst | 127 | \$756,660,938 | \$14,021,346 | \$7,792,578 | \$6,228,768 | \$49,045 | 11,063 | 6,691 | 7,384 | 19,133 | 11,749 | \$530 | \$758,162 | \$65 | \$5,970 |
| Town of Babylon | 159 | \$1,137,043,915 | \$24,712,231 | \$15,950,464 | \$8,761,768 | \$55,105 | 7,344 | 5,926 | 6,391 | 12,190 | 5,799 | \$1,511 | \$879,238 | \$152 | \$5,530 |
| Town of Bethlehem | 18 | \$881,282,980 | \$4,475,505 | \$4,463,369 | \$12,136 | \$674 | 903 | 211 | 211 | 733 | 522 | \$23 | \$631,102 | \$1,209 | \$35,061 |
| Town of Brookhaven | 68 | \$384,811,232 | \$9,253,847 | \$8,190,923 | \$1,062,924 | \$15,631 | 3,182 | 1,867 | 1,992 | 6,870 | 4,878 | \$218 | \$499,765 | \$102 | \$7,349 |
| Town of Clarence | 36 | \$80,304,828 | \$1,798,597 | \$1,161,133 | \$637,464 | \$17,707 | 567 | 1,533 | 1,533 | 1,363 | -170 | NA | \$62,243 | NA | \$1,729 |
| Town of Clifton Park | 5 | \$26,536,625 | \$256,023 | \$175,380 | \$80,642 | \$16,128 | 121 | 41 | 121 | 303 | 182 | \$442 | \$25,000 | \$137 | \$5,000 |
| Town of Colonie | 0 | \$0 | \$0 | \$0 | \$0 | NA | 0 | 0 | 0 | 0 | 0 | NA | \$656,153 | NA | NA |
| Town of Concord | 8 | \$6,418,222 | \$200,241 | \$120,052 | \$80,188 | \$10,024 | 131 | 144 | 144 | 511 | 367 | \$218 | \$10,356 | \$28 | \$1,295 |


| 2013 IDA Financial and Employment Statistics |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IDA | $\begin{aligned} & \text { Project } \\ & \text { Count } \end{aligned}$ | Total Project Amounts | Total Tax Exemptions | Total PILOTs | $\begin{gathered} \text { Net Tax } \\ \text { Exemptions * } \end{gathered}$ | $\underset{\substack{\text { Net } \\ \text { Exemptions } \\ \text { per Project }}}{\substack{\text { n }}}$ | Estimated Jobs to Be Created | Estimated Jobs to Be Retained | Full Time Before IDA | Current Full Time Equivalents | Estimated Net Job Change | Net <br> Exemptions <br> per Job <br> Gained | Operating Expenses | $\begin{array}{\|c\|} \hline \text { Expenses } \\ \text { per Job } \\ \text { Gained } \end{array}$ | Expenses per Project |
| Town of Erwin | 0 | \$0 | \$0 | \$0 | \$0 | NA | 0 | 0 | 0 | 0 | 0 | NA | \$55,674 | NA | NA |
| Town of Guilderland | 3 | \$27,331,463 | \$258,313 | \$0 | \$258,313 | \$86,104 | 38 | 313 | 313 | 330 | 17 | \$15,195 | \$12,425 | \$731 | \$4,142 |
| Town of Hamburg | 39 | \$106,529,200 | \$1,991,962 | \$1,101,720 | \$890,242 | \$22,827 | 734 | 420 | 503 | 1,498 | 995 | \$895 | \$140,748 | \$142 | \$3,609 |
| Town of Hempstead | 83 | \$1,926,367,540 | \$56,832,961 | \$21,943,207 | \$34,889,754 | \$420,358 | 4,829 | 4,506 | 4,510 | 11,352 | 6,843 | \$5,099 | \$1,023,449 | \$150 | \$12,331 |
| Town of Islip | 89 | \$855,819,769 | \$25,139,758 | \$12,342,686 | \$12,797,072 | \$143,787 | 4,038 | 8,294 | 8,476 | 14,730 | 6,254 | \$2,046 | \$249,597 | \$40 | \$2,804 |
| Town of Lancaster | 77 | \$265,924,562 | \$5,224,377 | \$3,426,260 | \$1,798,117 | \$23,352 | 2,197 | 4,167 | 4,211 | 5,201 | 990 | \$1,816 | \$94,124 | \$95 | \$1,222 |
| Town of Lockport | 19 | \$241,215,000 | \$1,858,111 | \$196,380 | \$1,661,731 | \$87,460 | 227 | 244 | 244 | 601 | 357 | \$4,655 | \$157,448 | \$441 | \$8,287 |
| Town of Malone | 0 | \$0 | \$0 | \$0 | \$0 | NA | 0 | 0 | 0 | 0 | 0 | NA | \$15,086 | NA | NA |
| Town of Montgomery | 9 | \$71,581,956 | \$4,742,022 | \$885,815 | \$3,856,207 | \$428,467 | 887 | 328 | 328 | 482 | 154 | \$25,040 | \$6,644 | \$43 | \$738 |
| Town of Mount Pleasant | 1 | \$27,440,000 | \$0 | \$0 | \$0 | \$0 | 31 | 985 | 985 | 1,365 | 380 | \$0 | \$1,355 | \$4 | \$1,355 |
| Town of Niagara | 14 | \$26,747,582 | \$1,607,300 | \$1,106,643 | \$500,657 | \$35,761 | 3,428 | 1,624 | 1,632 | 2,430 | 798 | \$627 | \$16,817 | \$21 | \$1,201 |
| Town of North Greenbush | 2 | \$3,690,017 | \$0 | \$0 | \$0 | \$0 | 45 | 10 | 10 | 40 | 30 | \$0 | \$185,859 | \$6,195 | \$92,930 |
| Town of Riverhead | 32 | \$181,768,886 | \$3,285,106 | \$1,403,382 | \$1,881,724 | \$58,804 | 1,064 | 1,463 | 1,463 | 1,842 | 379 | \$4,965 | \$191,720 | \$506 | \$5,991 |
| Town of Walkill | 5 | \$2,672,000 | \$7,659,326 | \$7,645,465 | \$13,861 | \$2,772 | 0 | 0 | 0 | 1,187 | 1,187 | \$12 | \$6,205 | \$5 | \$1,241 |
| Village of Fairport | 4 | \$319,427 | \$292,591 | \$494,772 | -\$202,181 | -\$50,545 | 0 | 0 | 0 | 337 | 337 | NA | \$366,463 | \$1,087 | \$91,616 |
| Village of Green Island | 3 | \$24,146,850 | \$798,381 | \$321,592 | \$476,789 | \$158,930 | 74 | 0 | 0 | 115 | 115 | \$4,146 | \$102,277 | \$889 | \$34,092 |
| Village of Groton | 0 | \$0 | \$0 | \$0 | \$0 | NA | 0 | 0 | 0 | 0 | 0 | NA | \$8,511 | NA | NA |
| Village of Port Chester | 10 | \$222,735,177 | \$4,327,396 | \$2,551,195 | \$1,776,201 | \$177,620 | 1,344 | 4 | 4 | 1,029 | 1,025 | \$1,733 | \$37,964 | \$37 | \$3,796 |
| Including New York City |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 4,709 | \$76,831,368,802 | \$1,383,216,224 | \$723,146,630 | \$660,069,593 | \$140,172 | 215,594 | 363,192 | 444,136 | 644,080 | 199,943 | \$3,301 | \$88,893,506 | \$445 | \$18,877 |
| Median IDA | 18 | \$191,108,431 | \$3,147,648 | \$1,265,110 | \$1,588,522 | \$72,813 | 596 | 922 | 1,243 | 1,655 | 587 | \$2,095 | \$293,262 | \$295 | \$10,175 |
| Average per IDA | 44 | \$711,401,563 | \$12,807,558 | \$6,695,802 | \$6,111,755 | \$176,392 | 1,996 | 3,363 | 4,112 | 5,964 | 1,851 | \$7,877 | \$823,088 | \$8,917 | \$37,017 |
| Excluding New York City |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 4,134 | \$62,022,574,180 | \$1,023,018,522 | \$431,844,192 | \$591,174,330 | \$143,003 | 159,784 | 259,768 | 340,712 | 495,144 | 154,431 | \$3,828 | \$75,290,868 | \$488 | \$18,213 |
| Median IDA | 18 | \$188,415,053 | \$3,146,585 | \$1,235,314 | \$1,518,948 | \$71,692 | 567 | 887 | 1,213 | 1,584 | 586 | \$2,126 | \$288,494 | \$292 | \$10,069 |
| Average per IDA | 39 | \$579,650,226 | \$9,560,921 | \$4,035,927 | \$5,524,994 | \$176,952 | 1,493 | 2,428 | 3,184 | 4,628 | 1,443 | \$7,950 | \$703,653 | \$9,012 | \$37,149 |
| Source: OSC, PARIS. <br> * A negative net exem NA - Not Applicable Total Tax Exemption PILOTs - Payments in Net Tax Exemptions Net Exemptions per Town of Corinth IDA |  | ects current PILOT <br> is the gross amount xes. <br> e amount of annua <br> ed - These data cap <br> ave certified 2013 | Ts that exceed $c$ of tax exemption total tax exempt ture the annual data in time for | urrent gross tax <br> s and includes <br> tions less annu cost of the cum this report. | ax exemptions. <br> real property tax <br> al PILOTs. <br> ulative job gain. | mortgage recor | ding tax and st | tate and local | sales tax exem | ptions received | on an annua | al basis. |  |  |  |

## Notes

${ }^{1}$ Article 18-A of the General Municipal Law.
${ }^{2}$ In some cases, an IDA is created for the benefit of more than one municipality.
${ }^{3}$ Data for 2013 is the latest available for all active IDAs.
${ }^{4}$ Variations in the board appointment process may be provided for by the special act establishing the IDA.
${ }^{5}$ For more on the establishment and powers of IDAs, see Industrial Development Agencies in New York: Background, Issues and Recommendations, Office of the State Comptroller, May 2006.
http://www.osc.state.ny.us/localgov/pubs/research/idabackground.pdf.
${ }^{6}$ These reports are also filed with the Department of Economic Development and the governing body of the municipality for which the IDA was created.

7 In one common type of straight lease agreement, the project operator hands over title in the property to the IDA, making it eligible for tax exemptions, and the IDA leases the property back to the project operator. At the termination of the project, title in the property is returned to the project operator.
${ }^{8}$ All data is as reported by IDAs through PARIS.
${ }^{9}$ Similar limitation in the kinds of retail projects that can be supported by IDAs were reinstated in 2013. The effects of this change will be seen in future years' data.
${ }^{10}$ A certified report was not receive in time for this publication from the Town of Corinth IDA. The Town of Champlain IDA, the Town of Southeast IDA and the Town of Waterford IDA have been dissolved since the last IDA Annual Performance Report.
${ }^{11}$ General Municipal Law, Section 874.
${ }^{12}$ General Municipal Law, Section 875.
${ }^{13}$ Chapter 403 of the Laws of 2014.

## Thomas P. DiNapoli • New York State Comptroller

## Division of Local Government and School Accountability

## Central Office Directory

Andrew A. SanFilippo, Executive Deputy Comptroller

(Area code for the following is 518 unless otherwise specified)
Executive ..... 474-4037Gabriel F. Deyo, Deputy ComptrollerNathaalie N. Carey, Assistant Comptroller
Audits, Local Government Services and Professional Standards ..... 474-5404
(Audits, Technical Assistance, Accounting and Audit Standards)Local Government and School Accountability Help Line.(866) 321-8503 or 408-4934(Electronic Filing, Financial Reporting, Justice Courts, Training)
New York State \& Local Retirement System
Retirement Information ServicesInquiries on Employee Benefits and Programs474-7736
Bureau of Member and Employer Services .(866) 805-0990 or 474-1101
Monthly Reporting Inquiries ..... 474-1080
Audits and Plan Changes. ..... 474-0167
All Other Employer Inquiries ..... 474-6535
Division of Legal Services
Municipal Law Section ..... 474-5586
Other OSC Offices
Bureau of State Expenditures ..... 486-3017
Bureau of State Contracts ..... 474-4622

Mailing Address
for all of the above:

Office of the State Comptroller, 110 State Street, Albany, New York 12236 email: localgov@osc.state.ny.us

# Division of Local Government and School Accountability 

Regional Office Directory

Andrew A. SanFilippo, Executive Deputy Comptroller<br>Gabriel F. Deyo, Deputy Comptroller (518) 474-4037<br>Nathaalie N. Carey, Assistant Comptroller<br>Cole H. Hickland, Director • Jack Dougherty, Director<br>Direct Services (518) 474-5480

BINGHAMTON REGIONAL OFFICE - H. Todd Eames, Chief Examiner
State Office Building, Suite 1702 • 44 Hawley Street • Binghamton, New York 13901-4417
Tel (607) 721-8306 • Fax (607) 721-8313 • Email: Muni-Binghamton@osc.state.ny.us
Serving: Broome, Chenango, Cortland, Delaware, Otsego, Schoharie, Sullivan, Tioga, Tompkins counties
BUFFALO REGIONAL OFFICE - Jeffrey D. Mazula, Chief Examiner
295 Main Street, Suite 1032 • Buffalo, New York 14203-2510
Tel (716) 847-3647• Fax (716) 847-3643 • Email: Muni-Buffalo@osc.state.ny.us
Serving: Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, Wyoming counties
GLENS FALLS REGIONAL OFFICE - Jeffrey P. Leonard, Chief Examiner
One Broad Street Plaza • Glens Falls, New York 12801-4396
Tel (518) 793-0057 • Fax (518) 793-5797 • Email: Muni-GlensFalls@osc.state.ny.us
Serving: Albany, Clinton, Essex, Franklin, Fulton, Hamilton, Montgomery, Rensselaer, Saratoga, Schenectady, Warren, Washington counties
HAUPPAUGE REGIONAL OFFICE - Ira McCracken, Chief Examiner
NYS Office Building, Room 3A10•250 Veterans Memorial Highway • Hauppauge, New York 11788-5533
Tel (631) 952-6534• Fax (631) 952-6530 • Email: Muni-Hauppauge@osc.state.ny.us
Serving: Nassau, Suffolk counties
NEWBURGH REGIONAL OFFICE - Tenneh Blamah, Chief Examiner
33 Airport Center Drive, Suite 103 • New Windsor, New York 12553-4725
Tel (845) 567-0858 • Fax (845) 567-0080 • Email: Muni-Newburgh@osc.state.ny.us
Serving: Columbia, Dutchess, Greene, Orange, Putnam, Rockland, Ulster, Westchester counties
ROCHESTER REGIONAL OFFICE - Edward V. Grant Jr., Chief Examiner
The Powers Building • 16 West Main Street - Suite 522 • Rochester, New York 14614-1608
Tel (585) 454-2460 • Fax (585) 454-3545 • Email: Muni-Rochester@osc.state.ny.us
Serving: Cayuga, Chemung, Livingston, Monroe, Ontario, Schuyler, Seneca, Steuben, Wayne, Yates counties
SYRACUSE REGIONAL OFFICE - Rebecca Wilcox, Chief Examiner
State Office Building, Room 409 • 333 E. Washington Street • Syracuse, New York 13202-1428
Tel (315) 428-4192 • Fax (315) 426-2119 • Email: Muni-Syracuse@osc.state.ny.us
Serving: Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence counties
STATEWIDE AUDIT - Ann C. Singer, Chief Examiner
State Office Building, Suite 1702 • 44 Hawley Street • Binghamton, New York 13901-4417
Tel (607) 721-8306 • Fax (607) 721-8313


Office of the New York State Comptroller Division of Local Government and School Accountability 110 State Street, 12th Floor • Albany, New York 12236

