

The dataset given was entered on August 14 of 2015 and covers largely the period from end of 2011 until the third quarter of 2015. The inspections covered 24575 establishments. Overall, there were 159867 inspections, of which 14929 in Bronx, 38413 in Brooklyn, 64426 in Manhattan, 36653 in Queens, and 5382 on the Staten Island. The distribution of inspection types is in Tables 1 and 2. Most inspection are just regular cycle inspections. About 1.8% of inspections resulted in a closure.

The most common violations found during an inspection were

1. “Non-food contact surface improperly constructed. Unacceptable material used. Non-food contact surface or equipment improperly maintained and/or not properly sealed, raised, spaced or movable to allow accessibility for cleaning on all sides, above and underneath the unit.” (65366 cases),
2. “Facility not vermin proof. Harborage or conditions conducive to attracting vermin to the premises and/or allowing vermin to exist.” (46696 cases),
3. “Cold food item held above 41°F (smoked fish and reduced oxygen packaged foods above 38°F) except during necessary preparation.” (41878 cases).

The typical time to new cycle inspection is usually a half year or a year as one can in Figure 1. This period tends to be shorter if previous inspection found serious deficiencies. After an initial inspection, the reinspection typically follows very shortly.

	Initial Inspection	Re-inspection	Compliance Inspection
Administrative Miscellaneous	2166	260	170
Calorie Posting	124	56	42
Cycle Inspection	83895	49886	766
Inter-Agency Task Force	660	1	0
Pre-permit (Non-operational)	2423	183	6
Pre-permit (Operational)	7905	4699	372
Smoke-Free Air Act	651	185	171
Trans Fat	49	624	1063

Table 1: Main inspection types

	Second Compliance Inspection	Limited Inspection	Reopening Inspection
Administrative Miscellaneous	28	0	12
Calorie Posting	24	0	0
Cycle Inspection	35	0	2453
Inter-Agency Task Force	0	0	0
Pre-permit (Non-operational)	0	0	0
Pre-permit (Operational)	17	0	418
Smoke-Free Air Act	63	4	0
Trans Fat	465	0	0

Table 2: Other inspection types

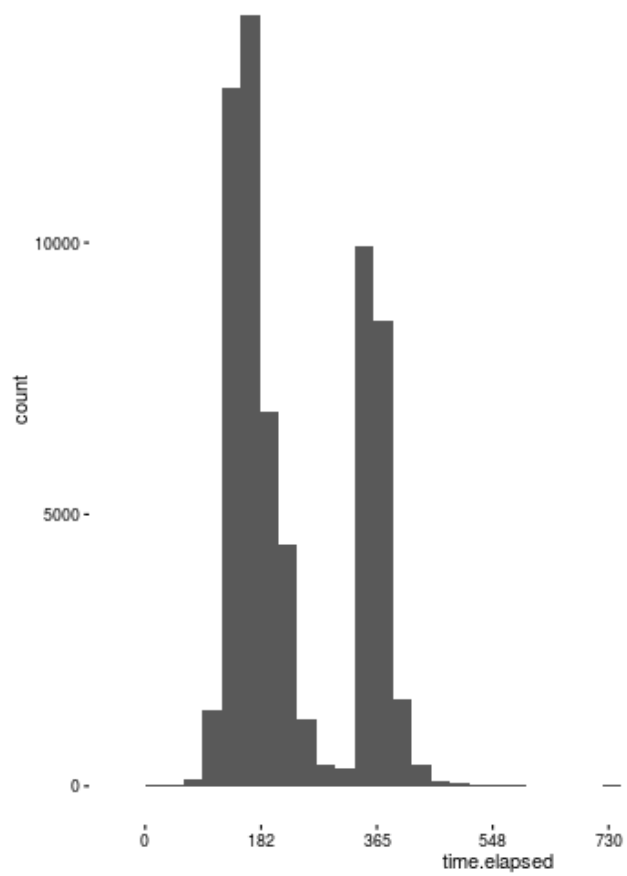


Figure 1: Time to new cycle inspection