

Check intermediate date1 variable

1

	N	NMiss	Min	Max	Median	Range
date1	1801	0	02JAN2013	21DEC2023	25JUL2017	4005.00

Check intermediate date4 variable

	N	NMiss	Min	Max	Median	Range
date4	1801	0	12FEB2013	02OCT2024	10JUL2018	4250.00

Check intermediate voluntary_mandated unique

3

voluntary_mandated	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Fda Mandated	7	0.39	7	0.39
N/A	1	0.06	8	0.44
Voluntary: Firm Initiated	1793	99.56	1801	100.00

Check intermediate usda_region variable

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usda_region	Frequency
Northeast	413
Southwest	314
Great Lakes Midwest	300
Southeast	239
Northwest & Rocky Mountain	146
Appalachia	105
Rio Grande Colonias	93
North Central	62
Heartland	60
Islands & Remote Areas	24
International	23
Delta	22

usda_region	state	Frequency
Northeast	NY	138
Northeast	NJ	92
Northeast	PA	62
Northeast	MA	40
Northeast	MD	24
Northeast	CT	20
Northeast	VT	12
Northeast	NH	10
Northeast	ME	8
Northeast	DE	4
Northeast	RI	3
Southwest	CA	250
Southwest	UT	41
Southwest	AZ	19
Southwest	NV	4
Great Lakes Midwest	IL	136
Great Lakes Midwest	MI	99
Great Lakes Midwest	WI	39
Great Lakes Midwest	IN	26
Southeast	FL	132
Southeast	NC	44
Southeast	GA	38
Southeast	VA	19
Southeast	SC	6

usda_region	state	Frequency
Northwest & Rocky Mountain	CO	55
Northwest & Rocky Mountain	OR	42
Northwest & Rocky Mountain	WA	37
Northwest & Rocky Mountain	ID	6
Northwest & Rocky Mountain	WY	4
Northwest & Rocky Mountain	MT	2
Appalachia	OH	65
Appalachia	TN	30
Appalachia	KY	8
Appalachia	WV	2
Rio Grande Colonias	TX	84
Rio Grande Colonias	NM	9
North Central	MN	55
North Central	ND	6
North Central	SD	1
Heartland	MO	22
Heartland	IA	18
Heartland	NE	12
Heartland	KS	5
Heartland	OK	3
Islands & Remote Areas	PR	20
Islands & Remote Areas	AK	2
Islands & Remote Areas	HI	2
International	N/A	20
International	Alberta	1
International	Nova Scotia	1
International	Quebec	1
Delta	AL	8
Delta	AR	7
Delta	LA	6
Delta	MS	1

Variable: days

Basic Statistical Measures			
Location		Variability	
Mean	338.1855	Std Deviation	327.10632
Median	217.0000	Variance	106999
Mode	91.0000	Range	3150
		Interquartile Range	332.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	43.87558	Pr > t	<.0001
Sign	M	900.5	Pr >= M	<.0001
Signed Rank	S	811350.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	3163
99%	1518
95%	1020
90%	792
75% Q3	453
50% Median	217
25% Q1	121
10%	69
5%	49
1%	28
0% Min	13

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13	707	1881	725
16	171	1919	991
17	1577	1927	1333
17	685	2019	1250
19	1747	3163	1478

Check intermediate general_reason variable

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general_reason	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Precaution	698	38.76	698	38.76
Mislabeled	651	36.15	1349	74.90
Microbe	164	9.11	1513	84.01
Other	142	7.88	1655	91.89
Contaminant	91	5.05	1746	96.95
Unprepared	55	3.05	1801	100.00

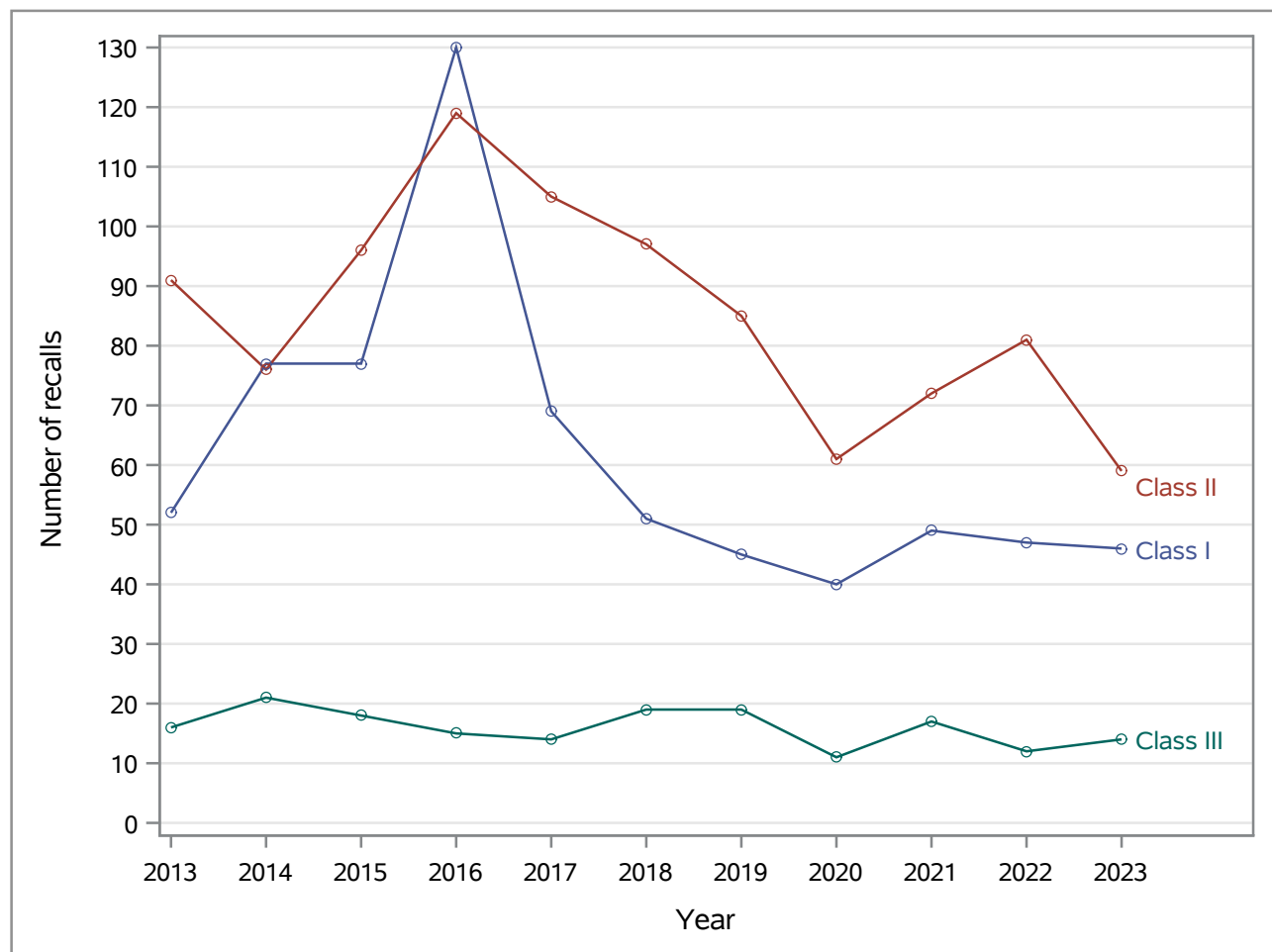
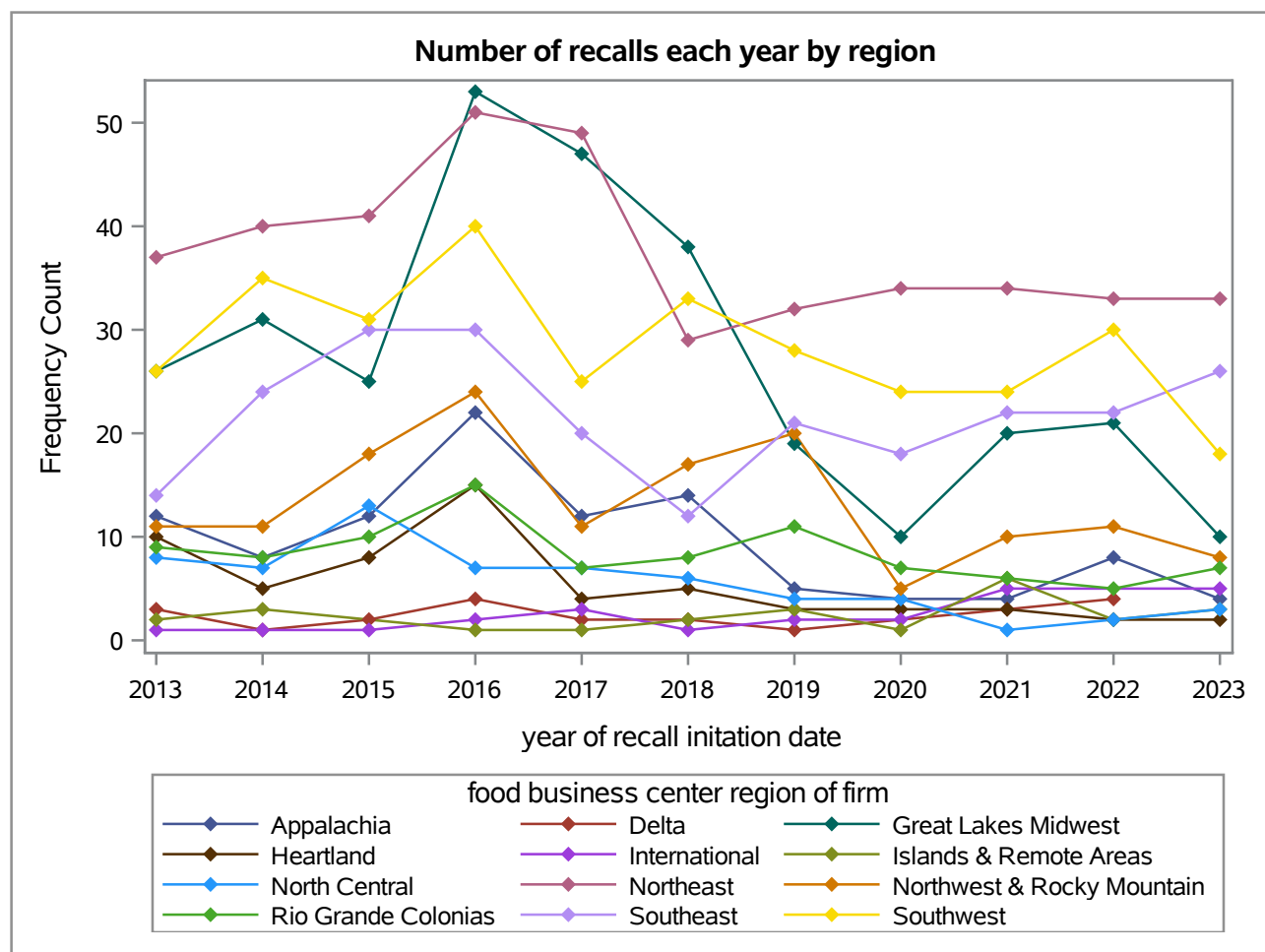
Contents of analysis data set: lib:recalls

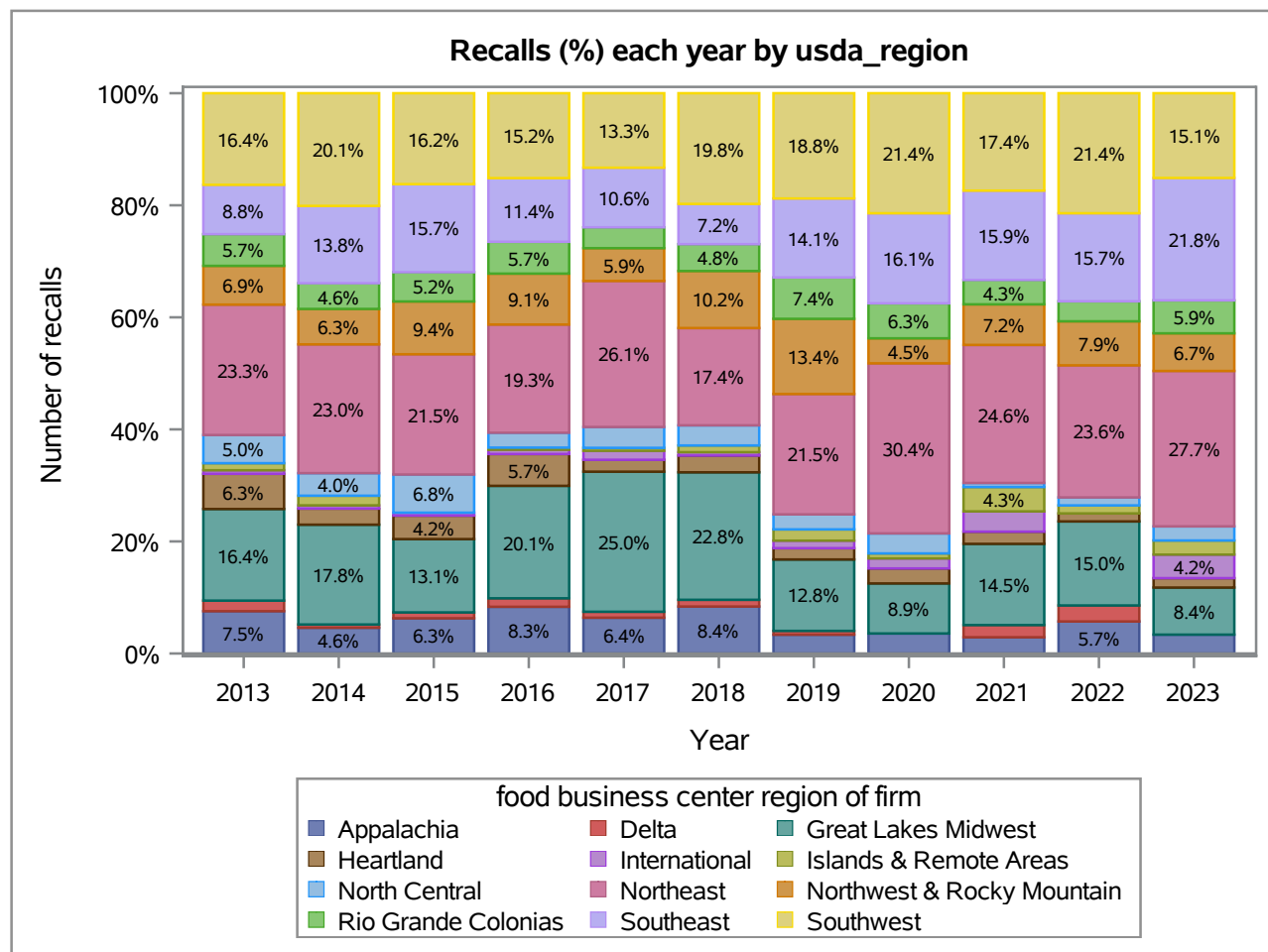
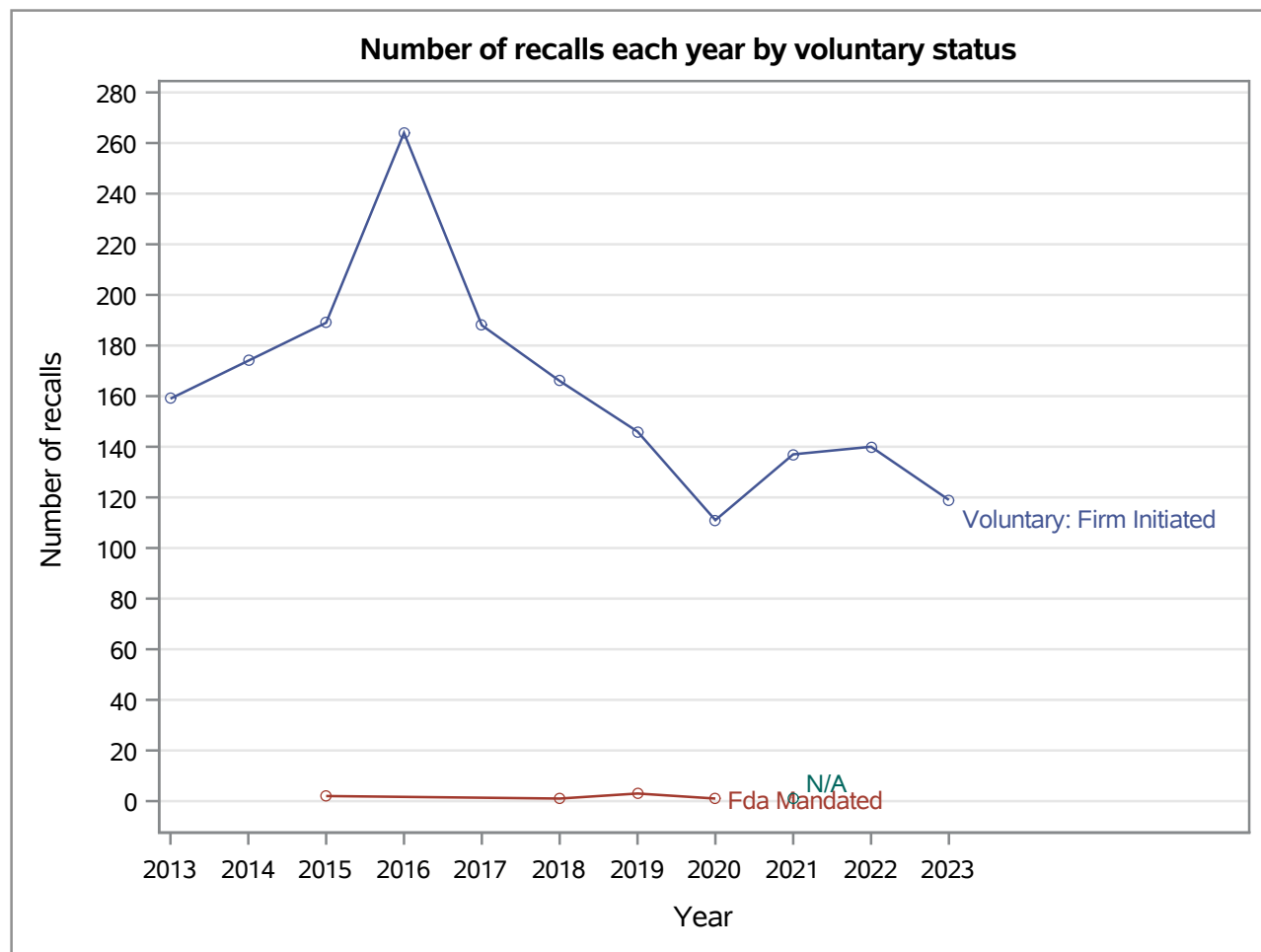
8

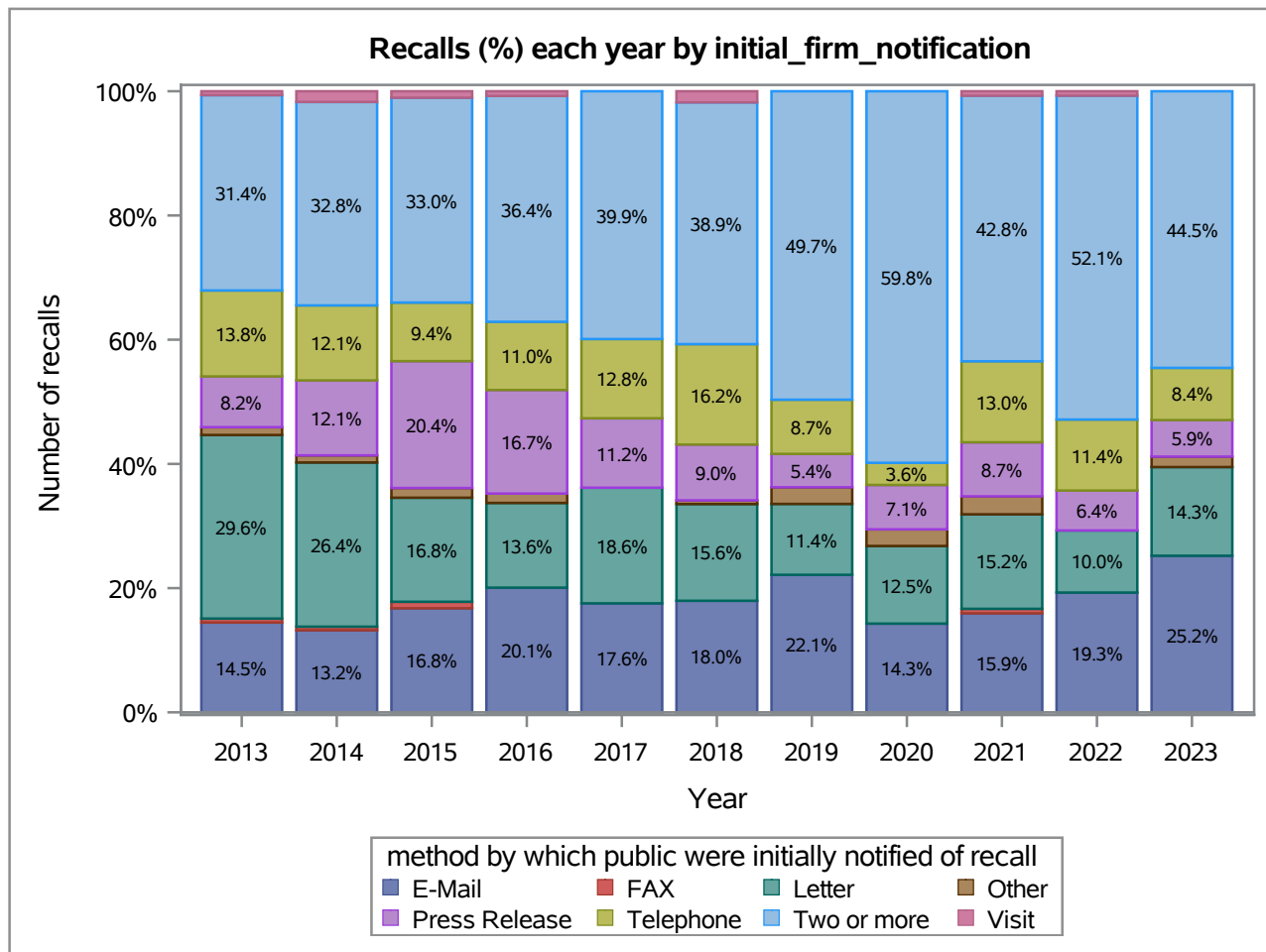
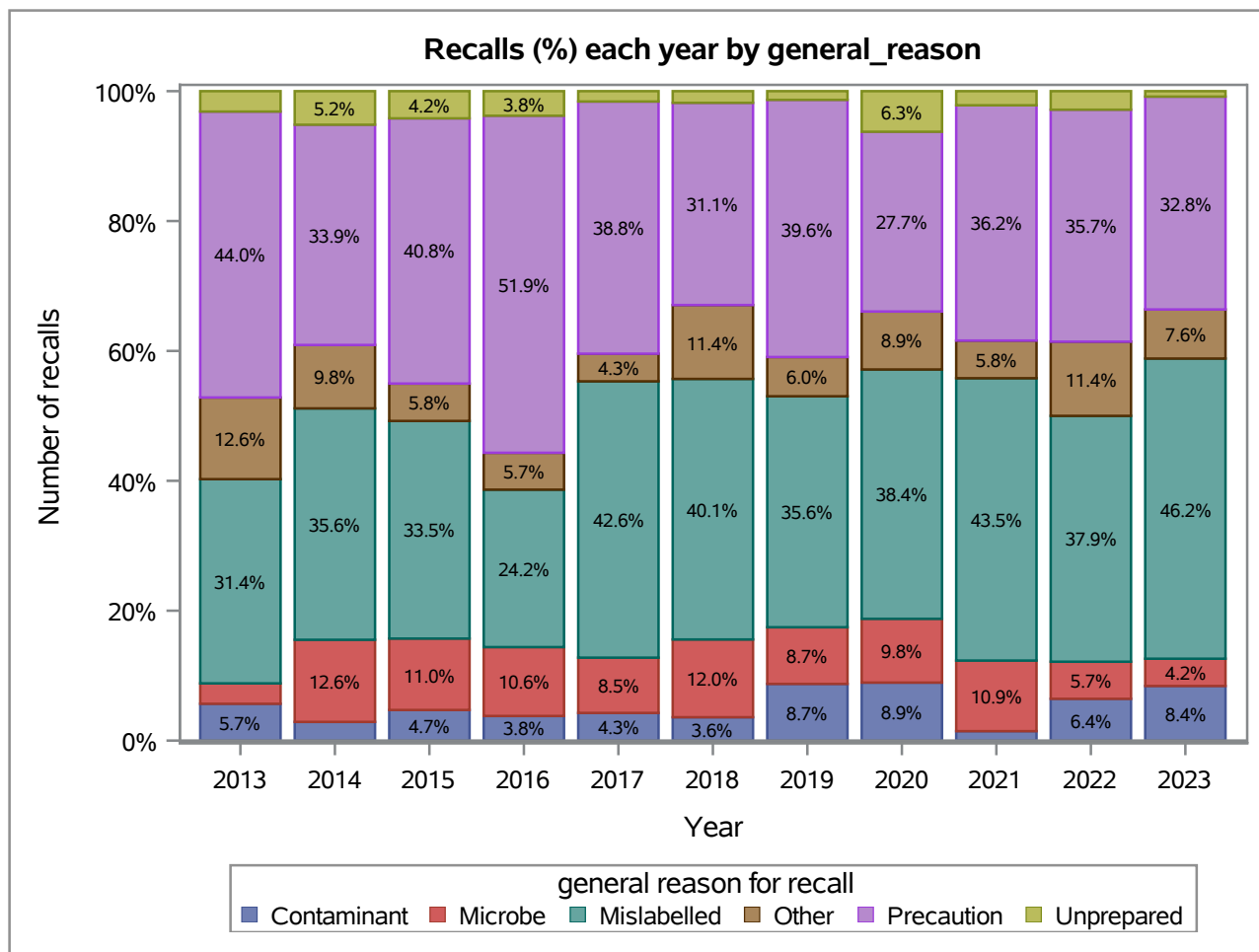
Data Set Name	LIB.RECALLS	Observations	1801
Member Type	DATA	Variables	23
Engine	V9	Indexes	0
Created	11/04/2024 03:48:38	Observation Length	10264
Last Modified	11/04/2024 03:48:38	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

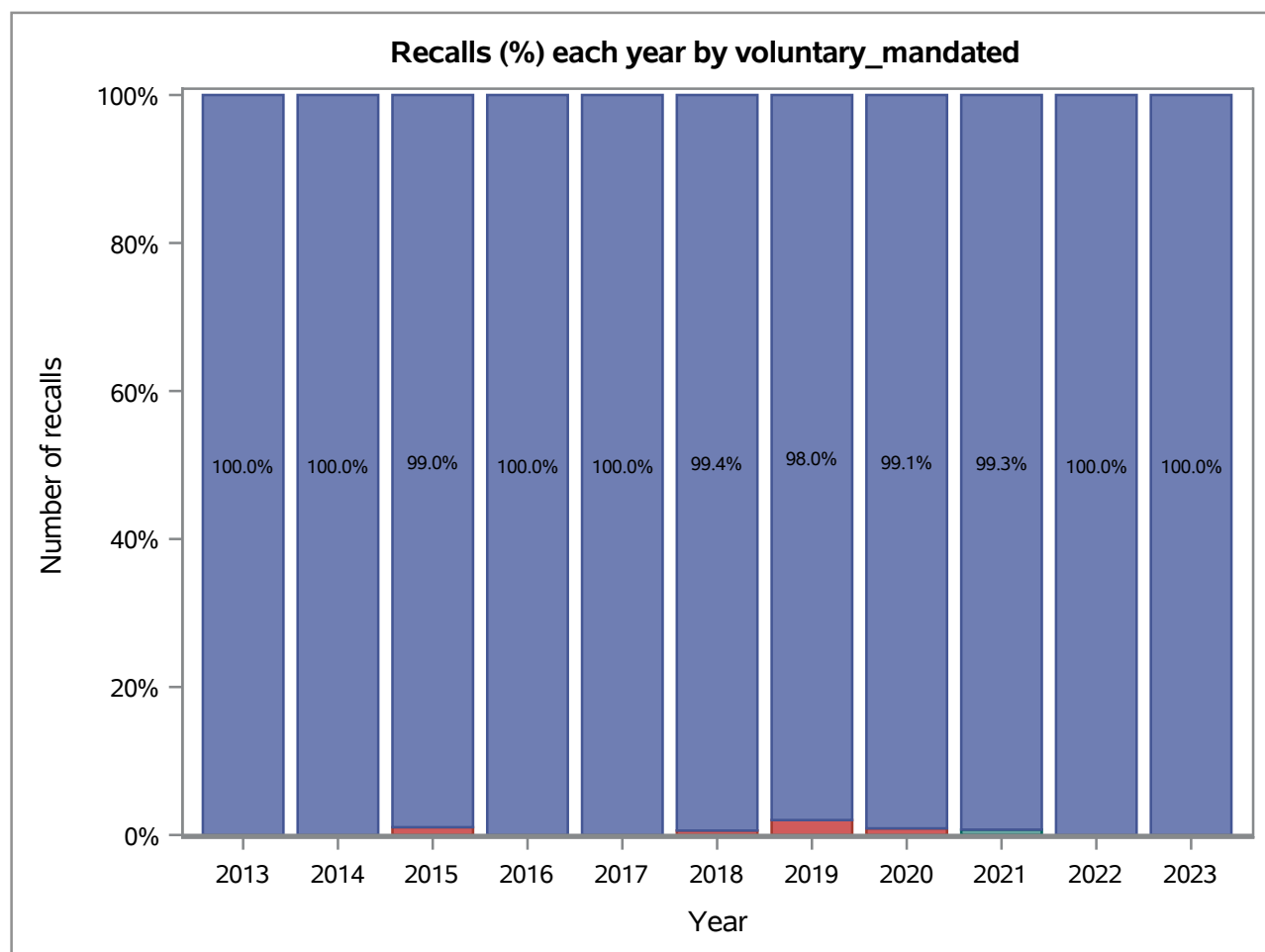
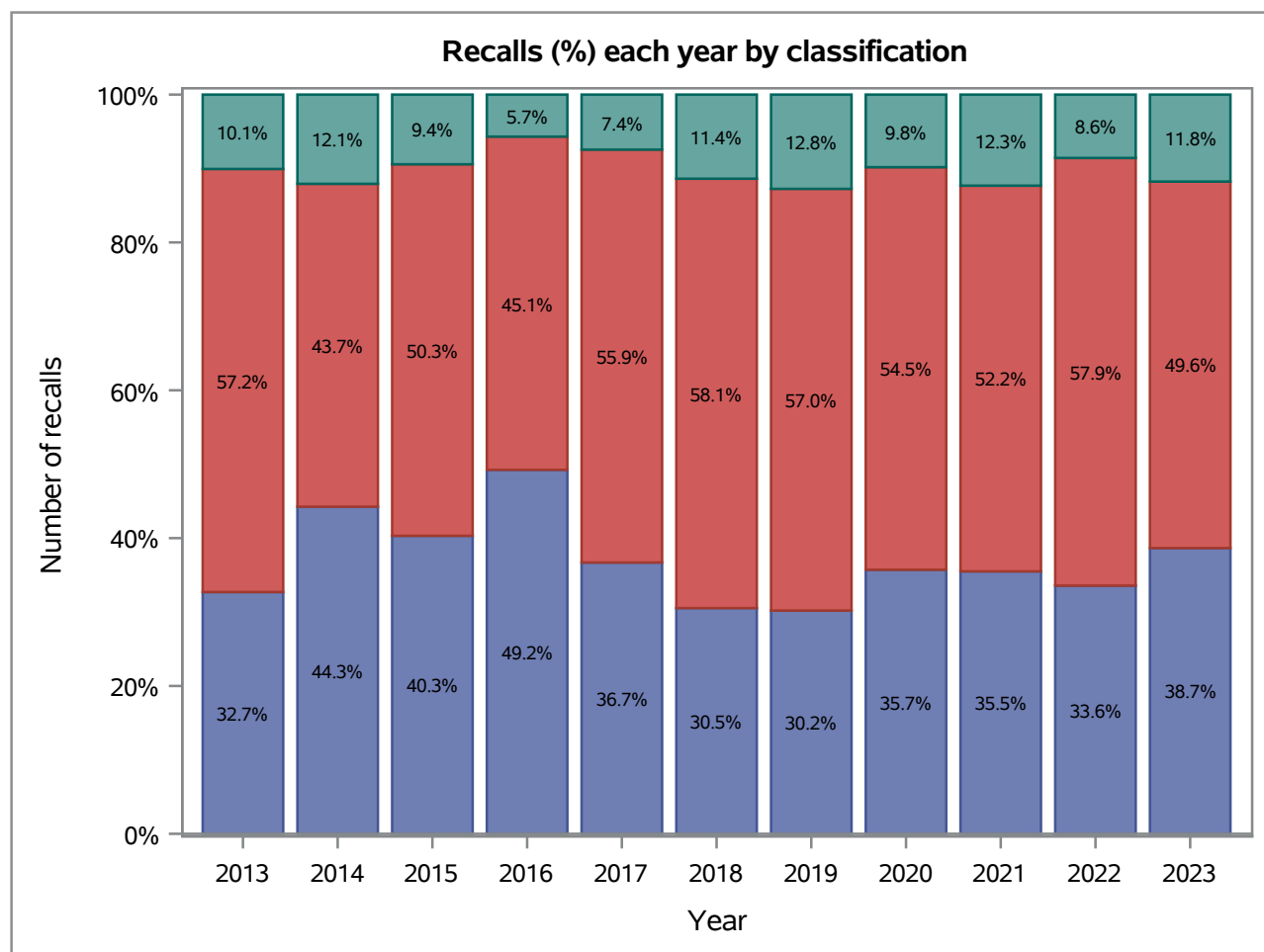
Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
8	center_classification_date	Char	8		date when recalled food product was classified
9	classification	Char	9		relative degree of health hazard assigned by FDA: I (adverse), II (less adverse), III (unlikely adverse)
5	country	Char	100		country of firm location
19	date1	Num	8	DATE9.	recall_initiation_date
20	date4	Num	8	DATE9.	recall_termination_date
18	date1year	Char	8		year of recall initiation date
22	days	Num	8		number of days between initiation to termination dates
3	distribution_pattern	Char	2000		places in the U.S. where distributed
13	event_id	Char	5		numerical tracking number assigned by FDA to a specific recall event
23	general_reason	Char	30		general reason for recall
11	initial_firm_notification	Char	81		method by which public were initially notified of recall
6	product_description	Char	5000		description of food product
2	product_quantity	Char	500		amount of food product
12	product_type	Char	4		type of recalled product
1	reason_for_recall	Char	2000		original reason
15	recall_initiation_date	Char	8		date when recalled food product is first notified to public or consignees of a recall
10	recall_number	Char	11		alphanumeric tracking number assigned by FDA to a specific recalled product
7	recalling_firm	Char	300		name of food firm
4	state	Char	100		state of firm location
17	status	Char	10		progress of recall
14	termination_date	Char	8		date when recalled food product is terminated
21	usda_region	Char	26		food business center region of firm
16	voluntary_mandated	Char	25		status of whether recall was initiated voluntarily by a firm or after being mandated by statutory recall authority, court order, or FDA

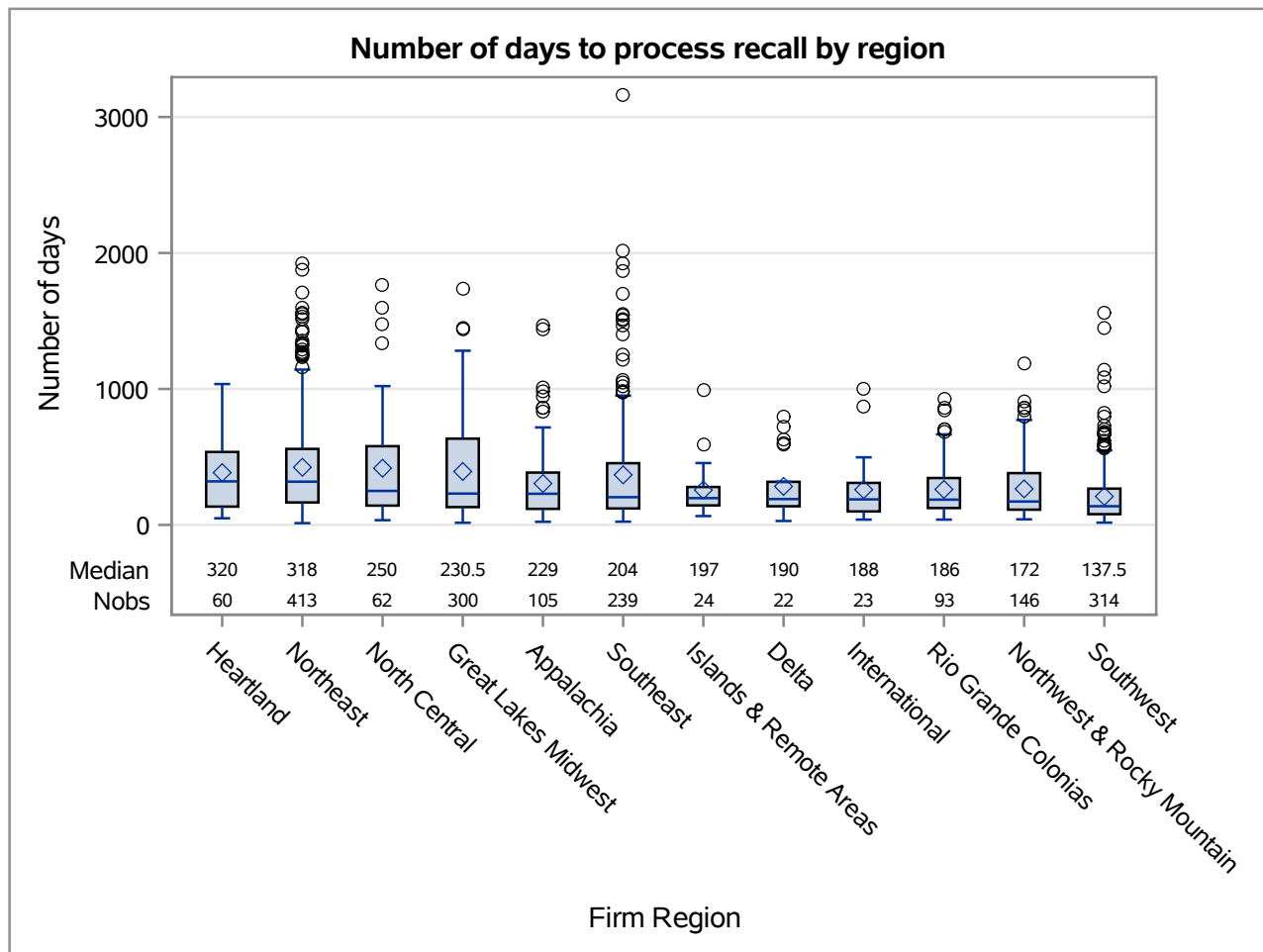
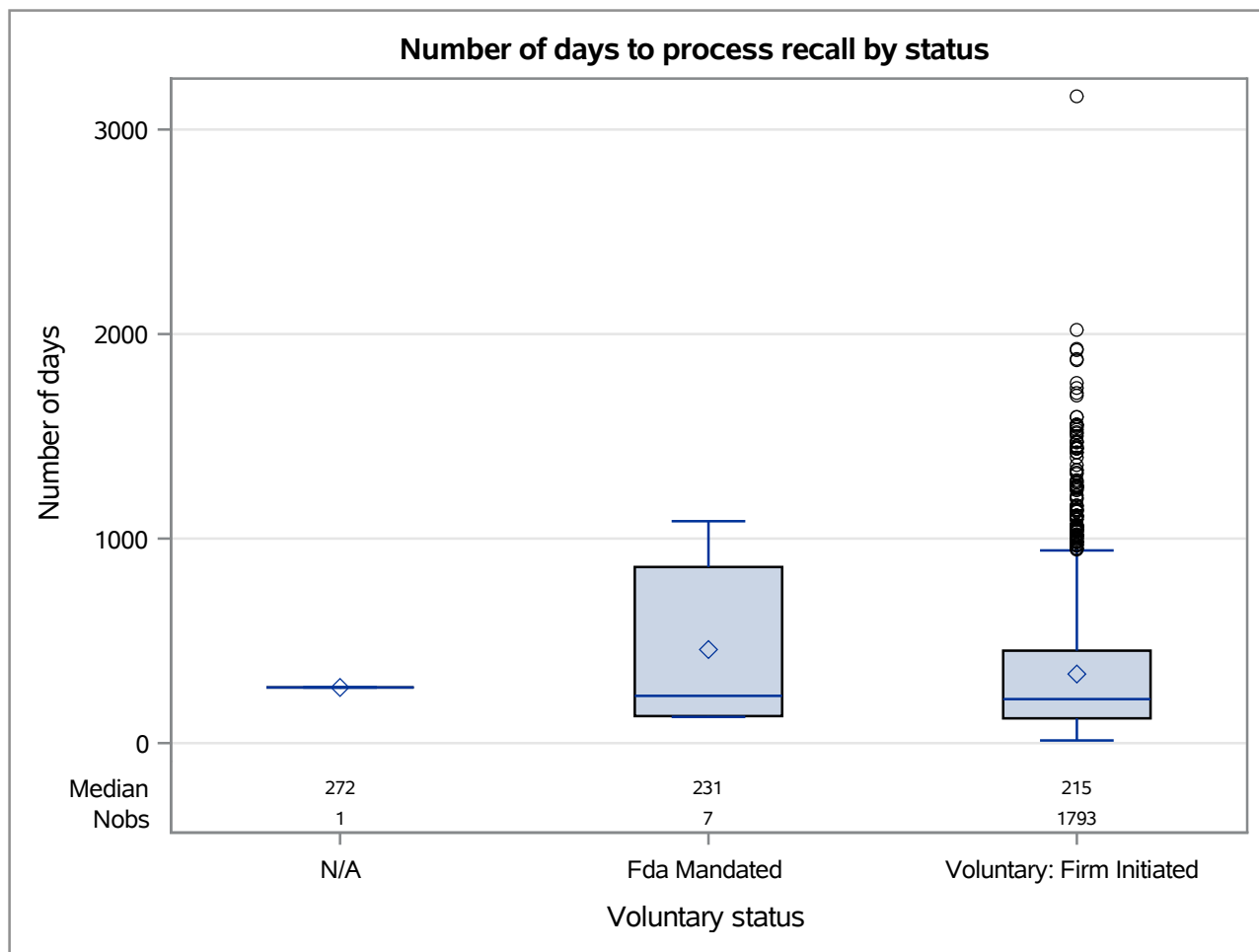
Analysis Variable : COUNT Frequency Count				
N	Mean	Std Dev	Minimum	Maximum
11	163.7272727	42.0049781	112.0000000	264.0000000

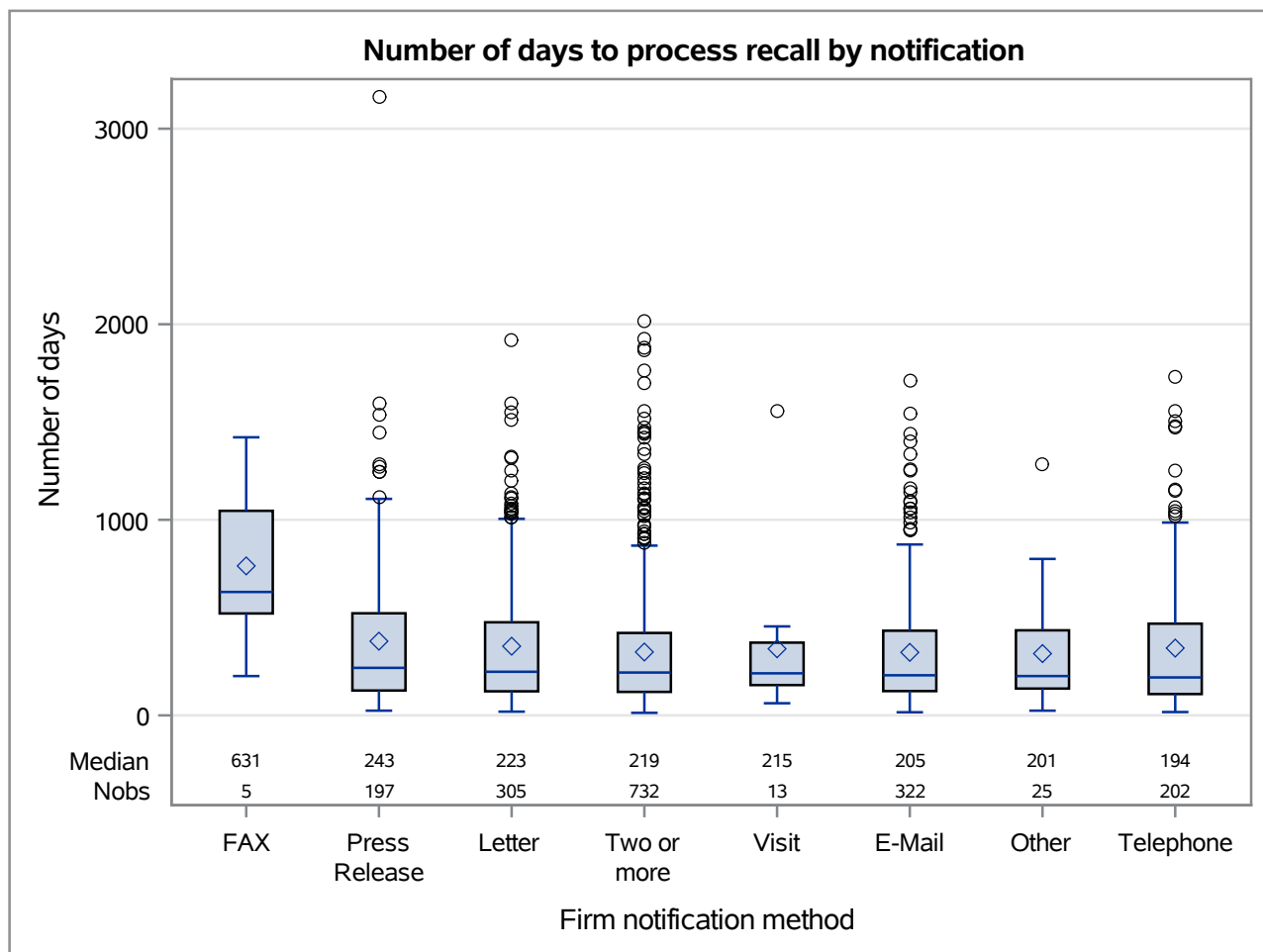
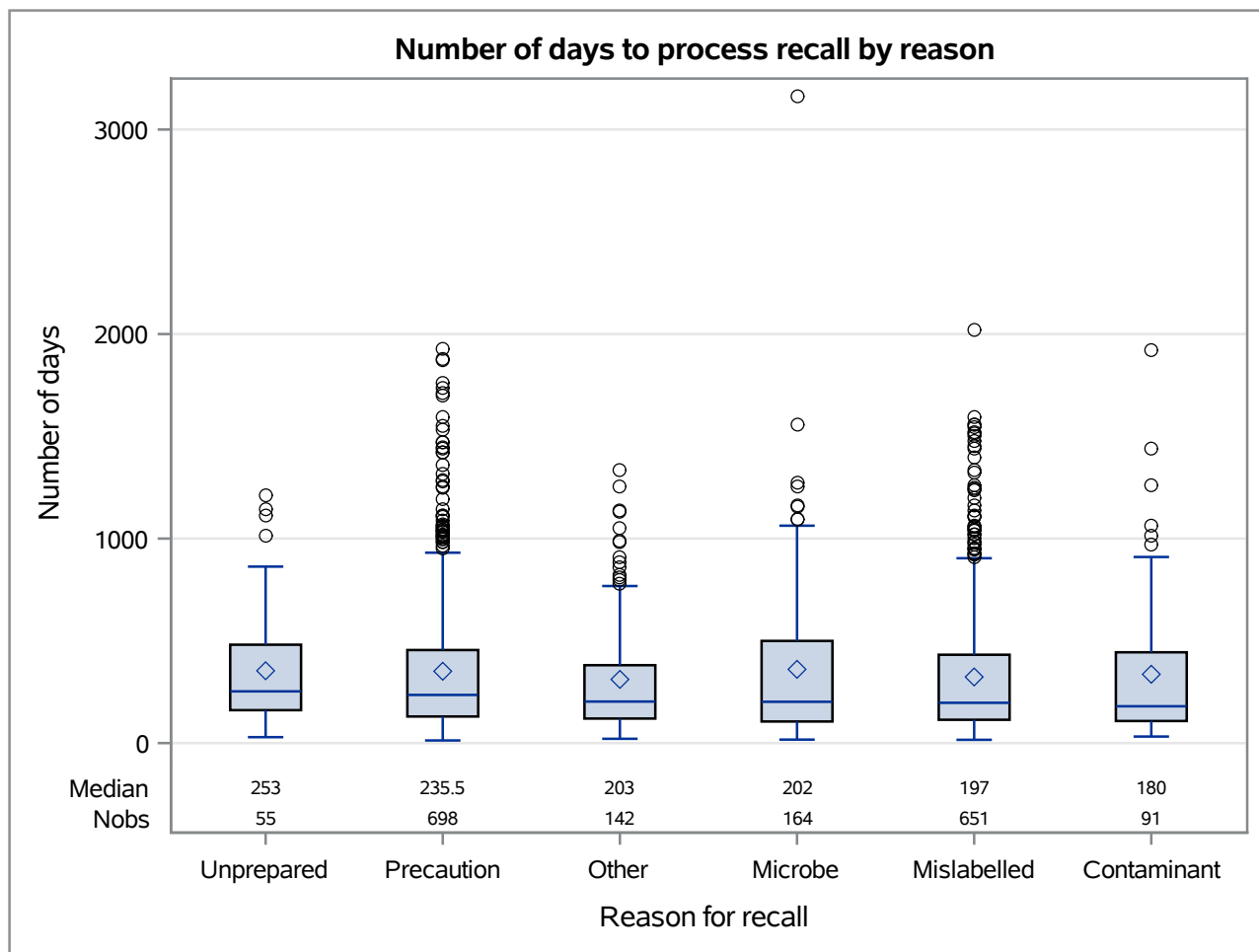


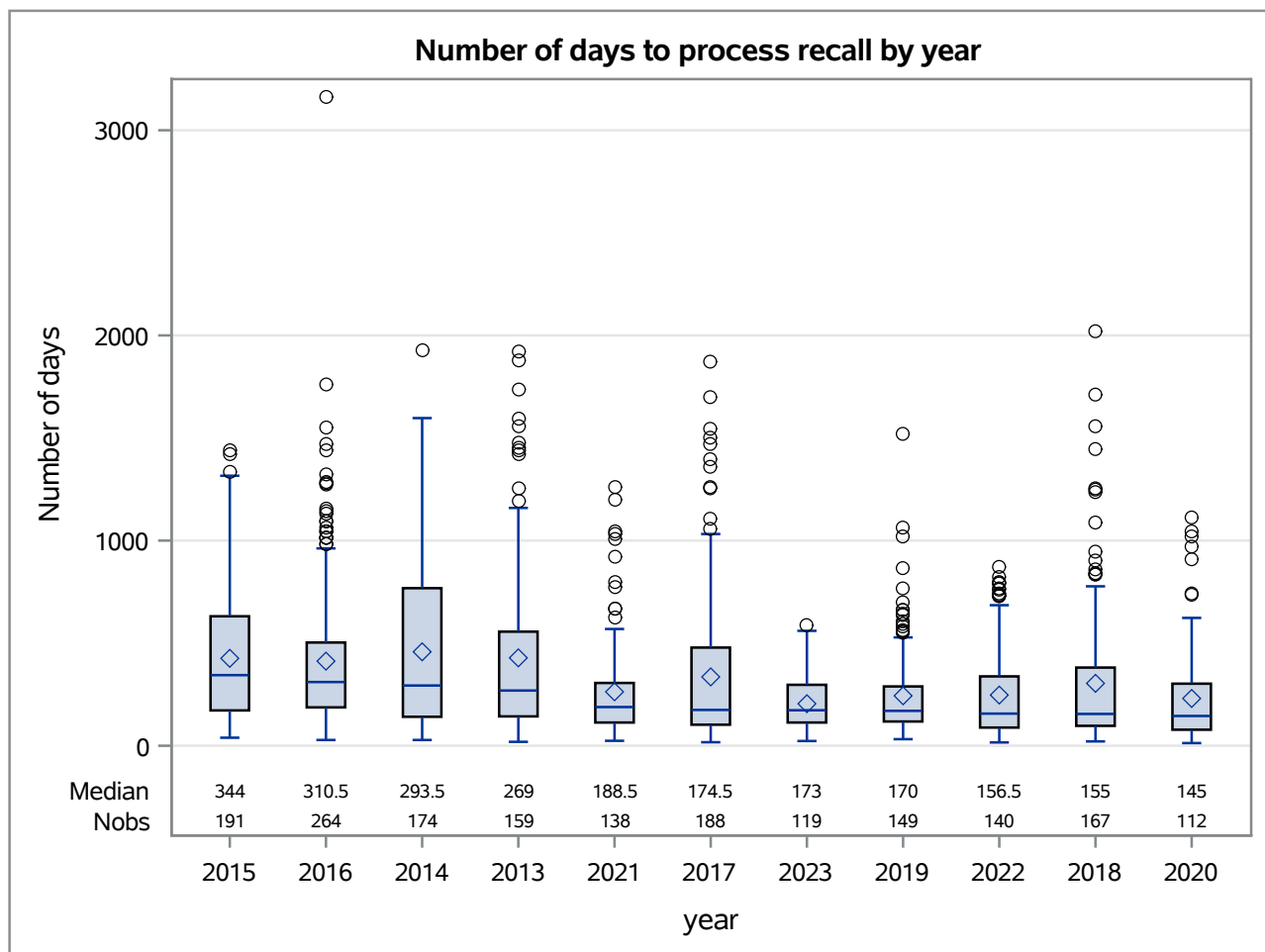
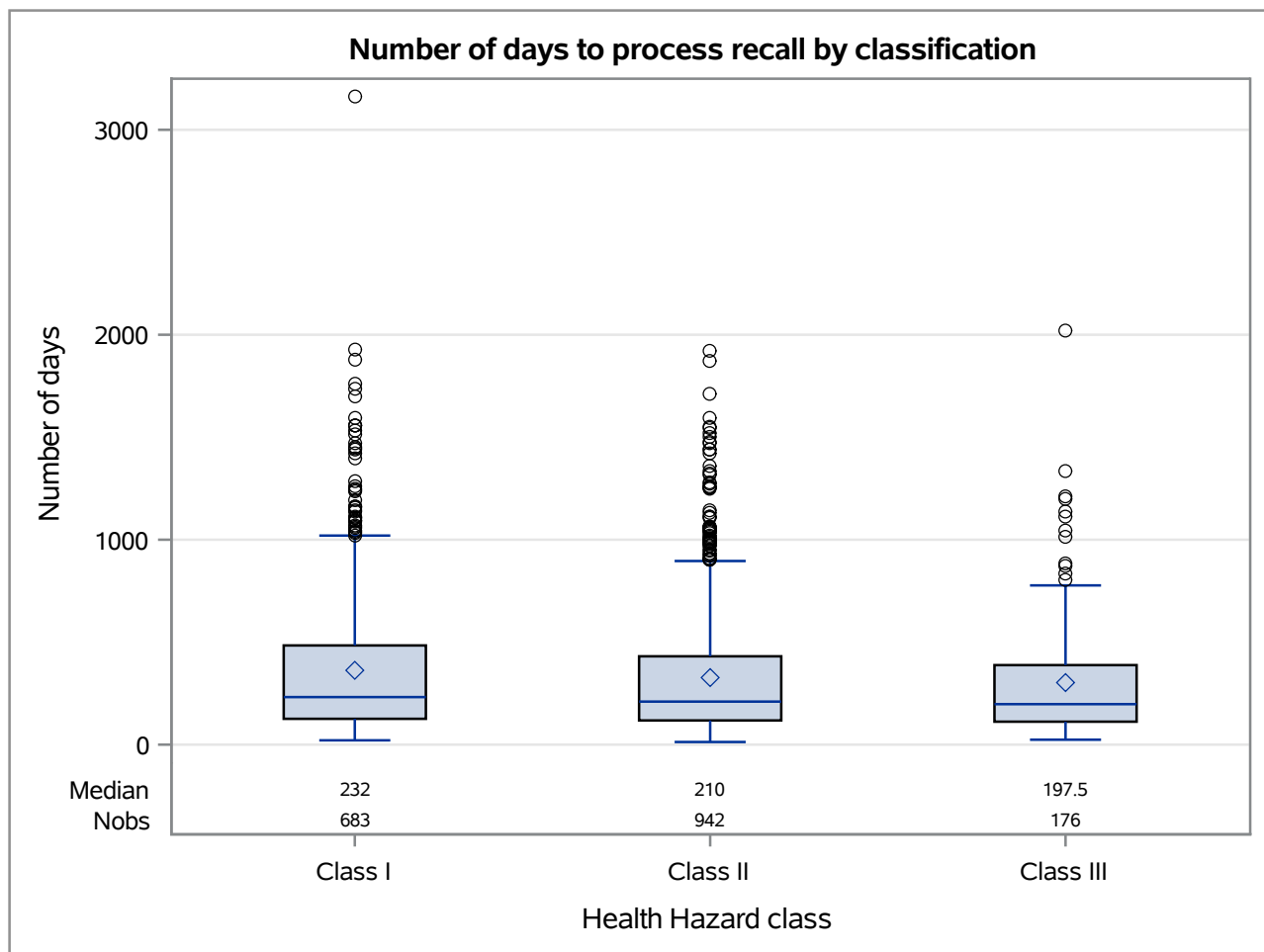












Non-parametric test of days processed by status

Kruskal-Wallis Test		
Chi-Square	DF	Pr > ChiSq
1.1856	2	0.5528

Non-parametric test of days processed by region

Kruskal-Wallis Test		
Chi-Square	DF	Pr > ChiSq
130.5949	11	<.0001

Non-parametric test of days processed by general reason

Kruskal-Wallis Test		
Chi-Square	DF	Pr > ChiSq
8.2399	5	0.1435

Non-parametric test of days processed by notification method

Kruskal-Wallis Test		
Chi-Square	DF	Pr > ChiSq
10.0316	7	0.1868

Non-parametric test of days processed by health hazard class

Kruskal-Wallis Test		
Chi-Square	DF	Pr > ChiSq
4.9419	2	0.0845

Non-parametric test of days processed by year

Kruskal-Wallis Test		
Chi-Square	DF	Pr > ChiSq
148.6933	10	<.0001