

# Portfolio Summary

# Applications  
1722

Agency

All

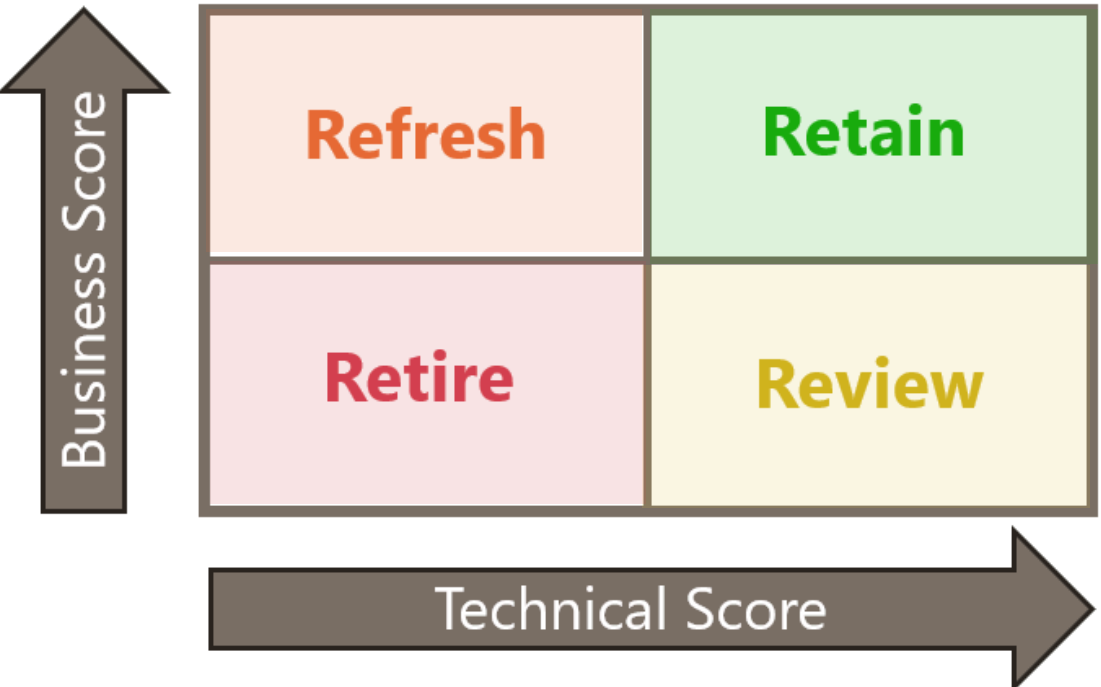
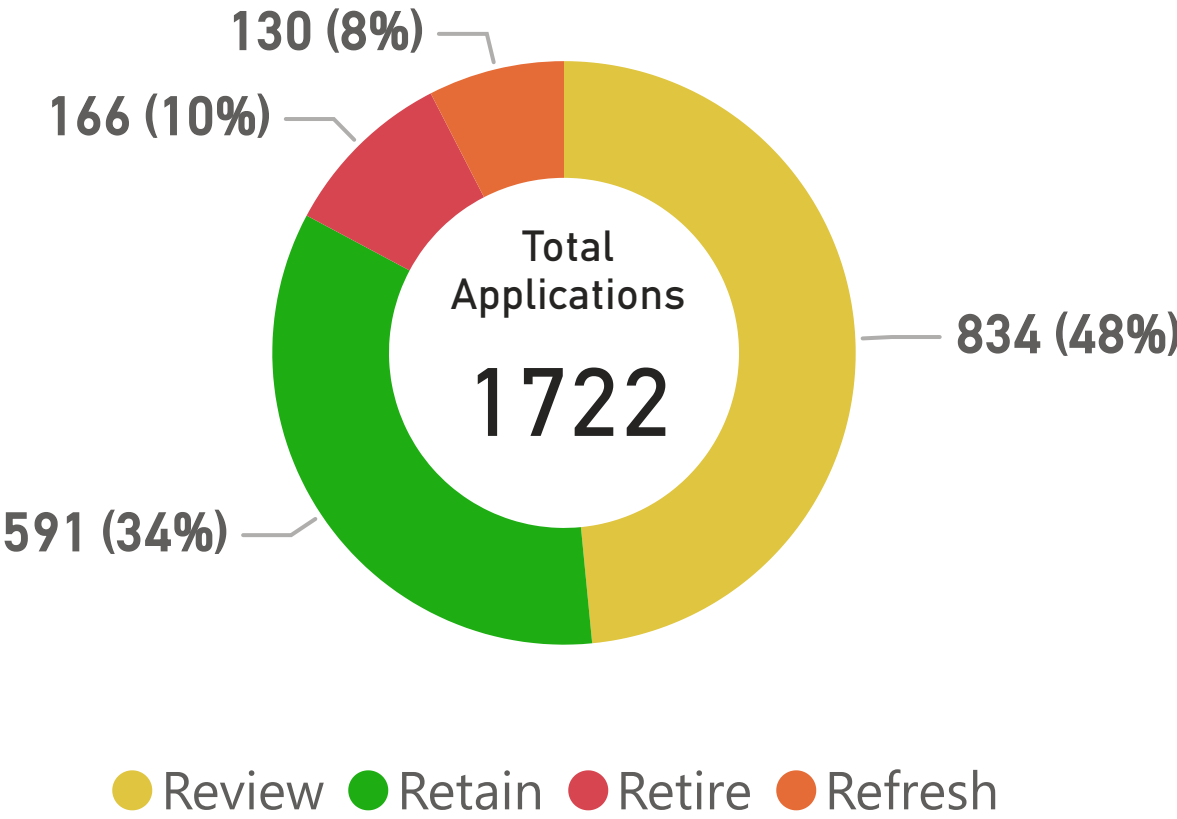
Division / Section

All

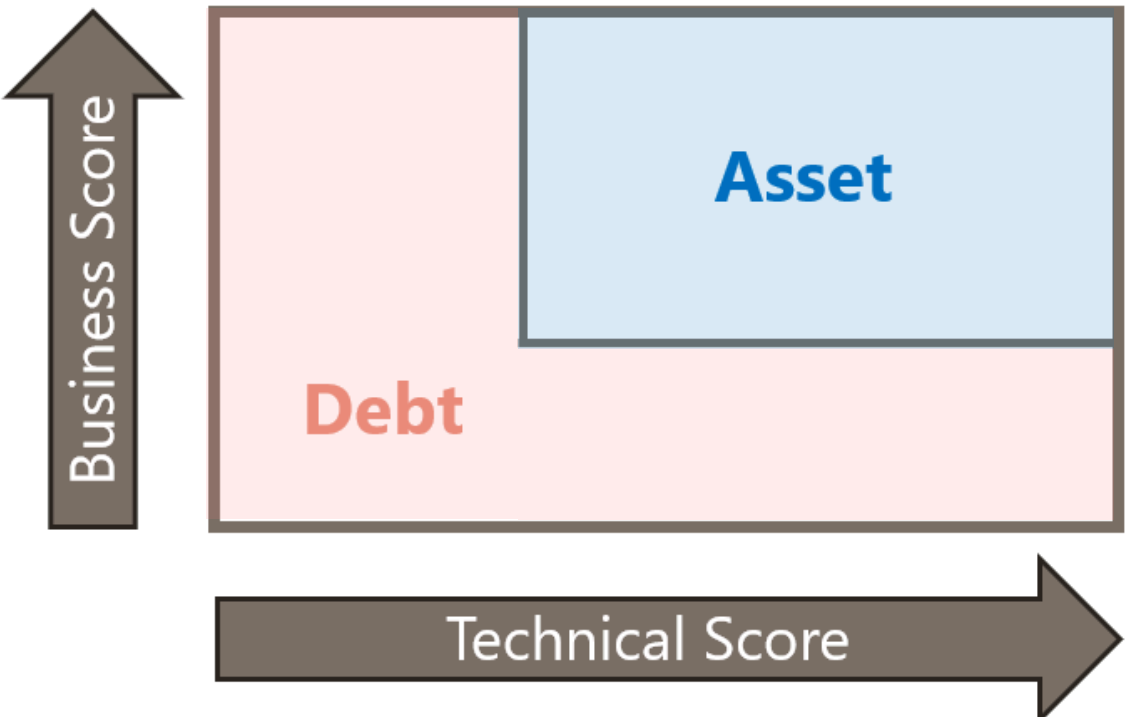
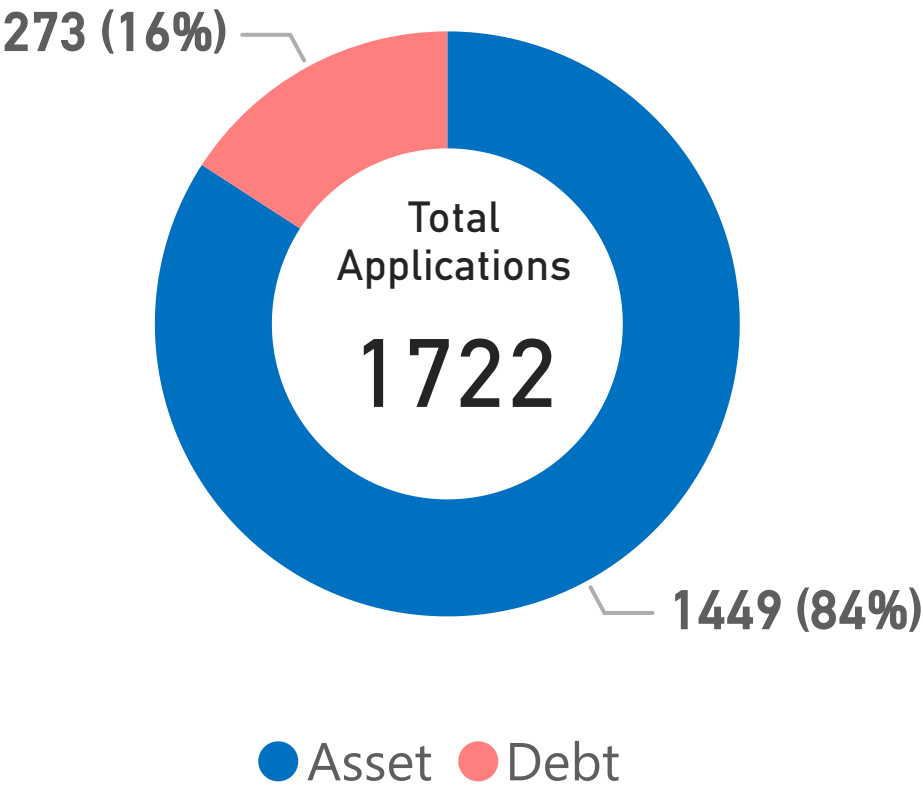
Status

All

Application Rationalization Summary



Technical Debt Rank Summary



Application Rationalization Dispositions

The descriptions below indicate the outputs of the review and the recommendation for how the application should be addressed in the agency IT strategic plan and lifecycle management.

**Retain** - Candidates for increased investment, enhanced functionality, and expanded use across the enterprise.

**Review** - Candidates to maintain current funding levels, explore opportunities to enable greater business value, and consider lower-cost alternatives.

**Refresh** - Candidates for increased investment to ensure the same high-level business value is delivered by more modern and secure systems.

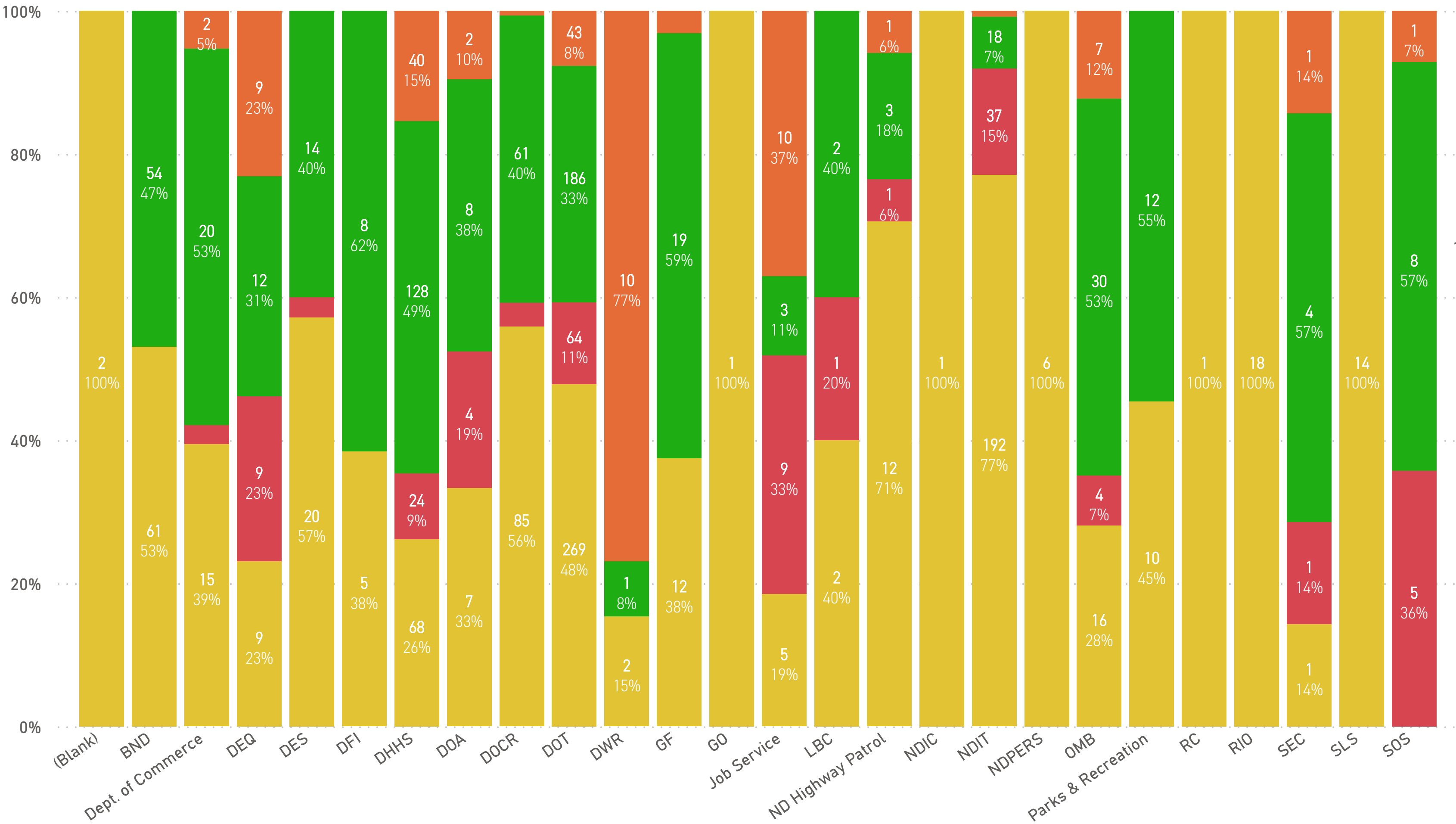
**Retire** - Candidates to decommission or to consolidate their functions within another application.

**Technical Asset** – Candidates with a medium to high business and technical score.

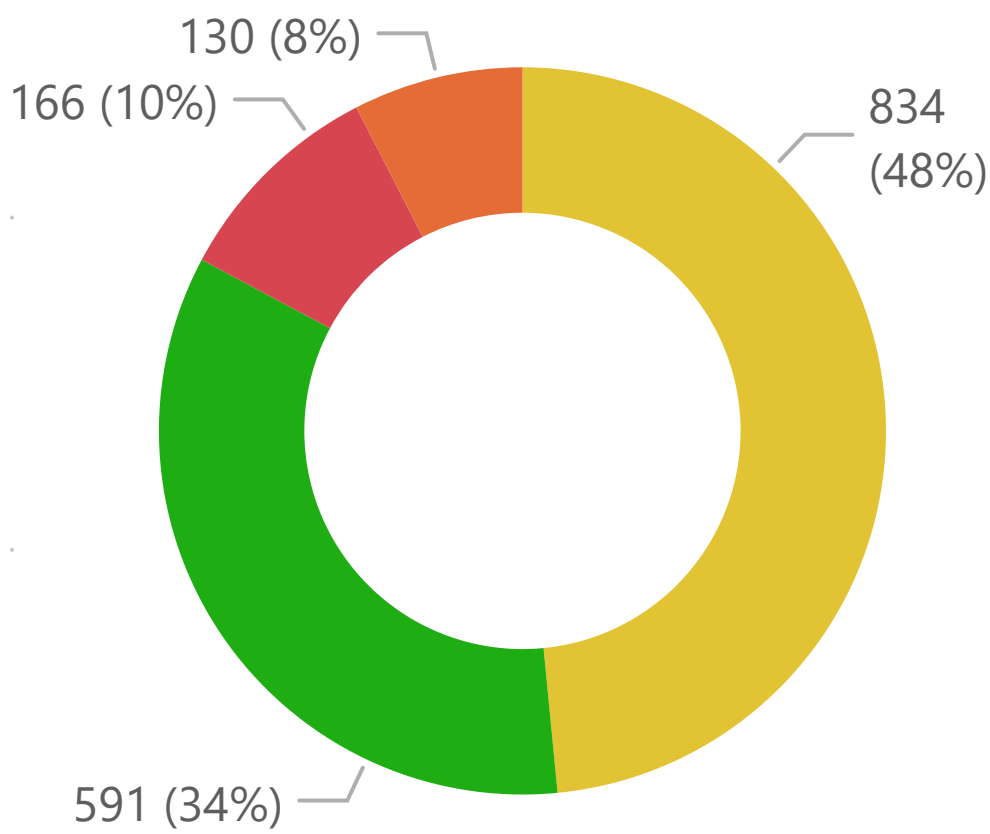
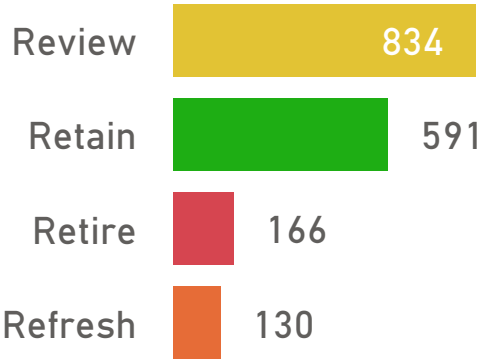
**Technical Debt** – Candidates with a low business or technical score.

# Statewide Application Portfolio Rationalization

**Rationalization Disposition**   Review   Retire   Retain   Refresh



# Applications  
1722



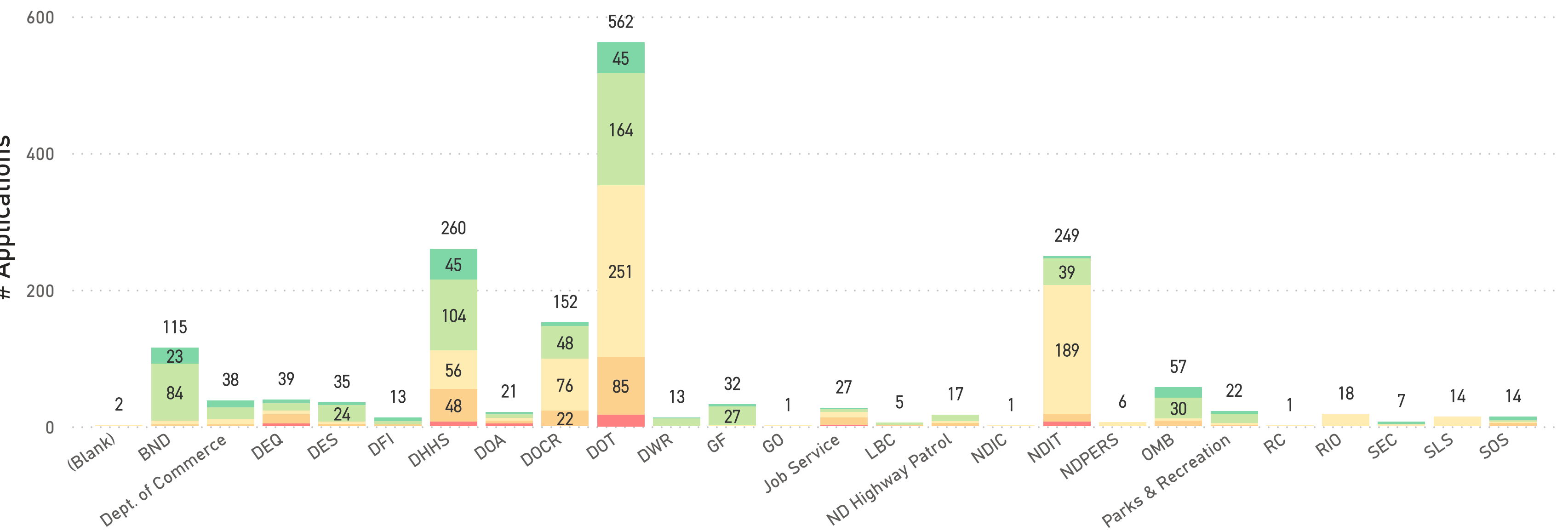
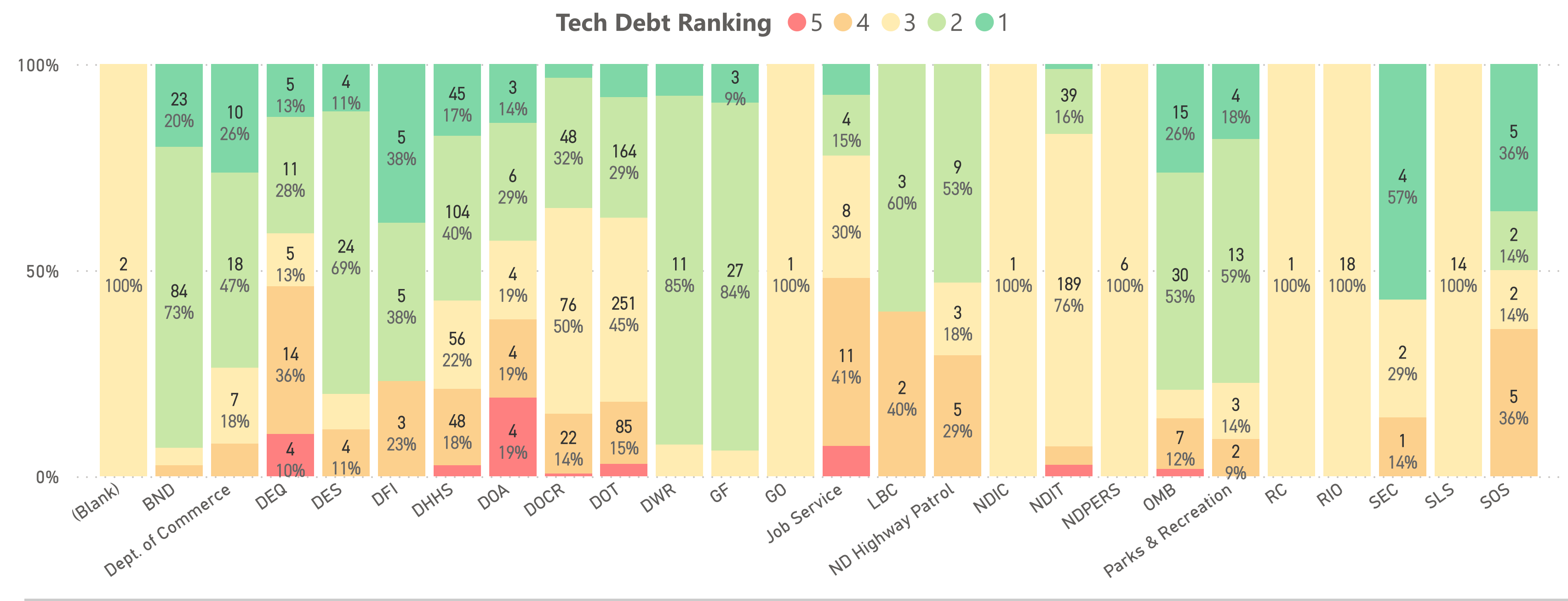
**Retain** - Candidates for increased investment, enhanced functionality, and expanded use across the enterprise.

**Review** - Candidates to maintain current funding levels, explore opportunities to enable greater business value, and consider lower-cost alternatives.

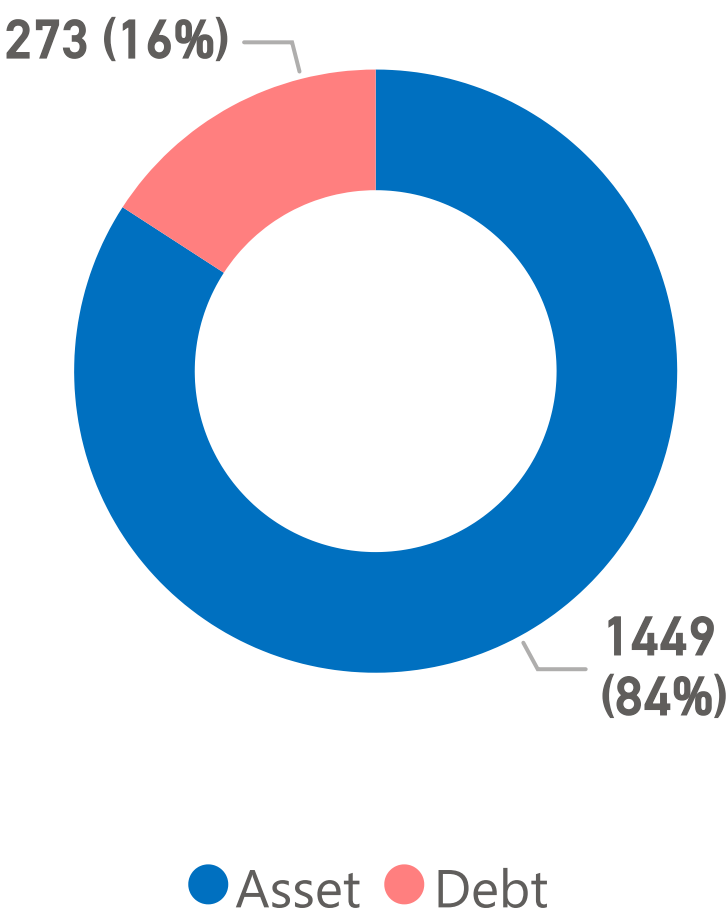
**Refresh** - Candidates for increased investment to ensure the same high-level business value is delivered by more modern and secure systems.

**Retire** - Candidates to decommission or to consolidate their functions within another application.

# Statewide Application Technical Debt

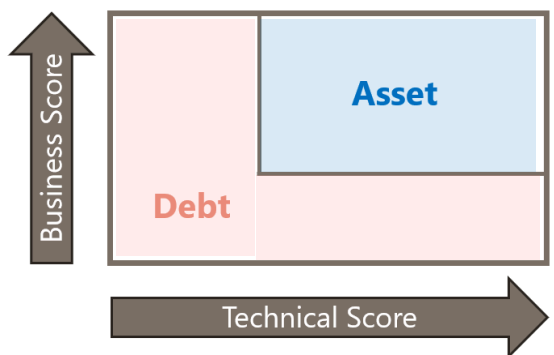


Technical Debt Rank Summary



# Applications  
1722

	2	1
4	3	2
5	4	



## Technical Asset

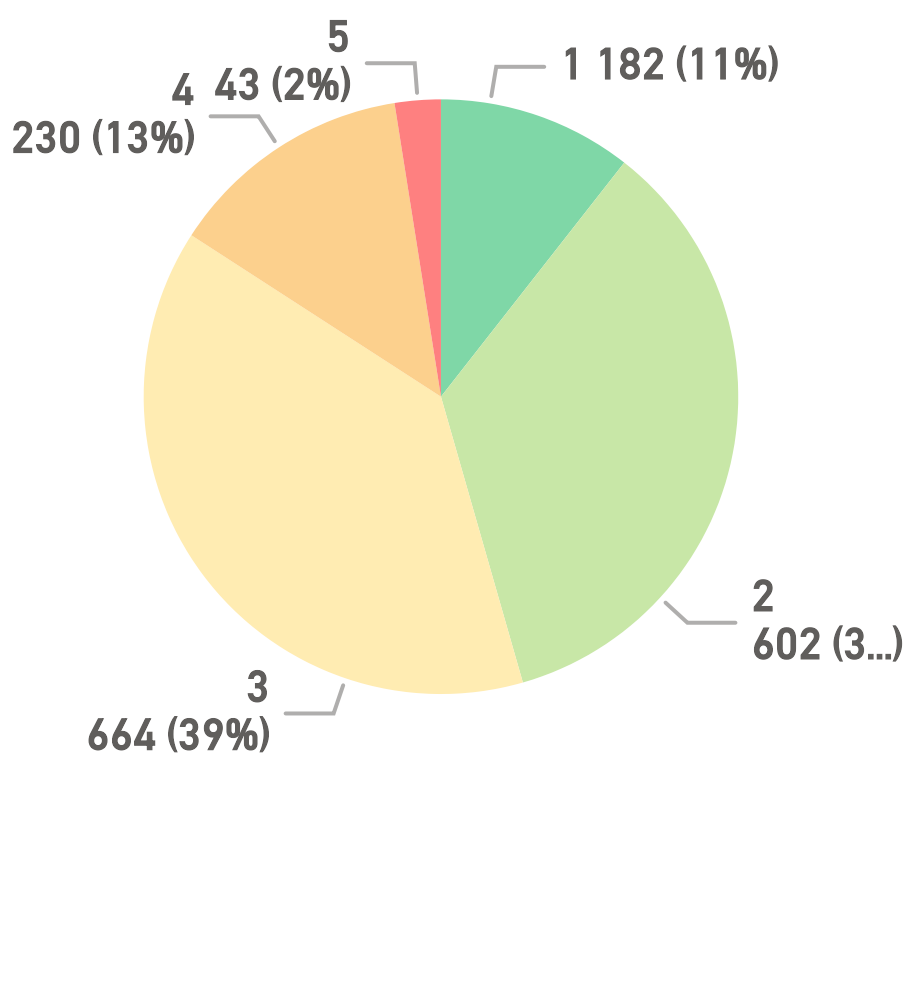
Ranking Score: 1,2,3

Applications with a medium to high business and technical score.

## Technical Debt

Ranking Score: 4,5

Applications with a low business or technical score.





# Application Portfolio Rationalization

Agency

All

Division / Section

All

High

Refresh

130

Retain

591

Business Value

Retire

166

Review

832

Low

Low

Technology Health

○ ○ ○ Business Criticality

High

# Applications

1722

Refresh Retain

Retire Review

Review

834

Retain

591

Retire

166

Refresh

130

**Retain** - Candidates for increased investment, enhanced functionality, and expanded use across the enterprise.

**Review** - Candidates to maintain current funding levels, explore opportunities to enable greater business value, and consider lower-cost alternatives.

**Refresh** - Candidates for increased investment to ensure the same high-level business value is delivered by more modern and secure systems.

**Retire** - Candidates to decommission or to consolidate their functions within another application.

## Business Value Score

- Business Criticality
- Business Fit
- Performance and Reliability
- Data Quality and Timeliness
- Future Potential

## Technology Health Score

- Support and Maintainability
- Security and Compliance
- Adaptability / Interoperability
- Platform / Technology
- Architecture Alignment
- Age



# Application Portfolio Rationalization

Agency

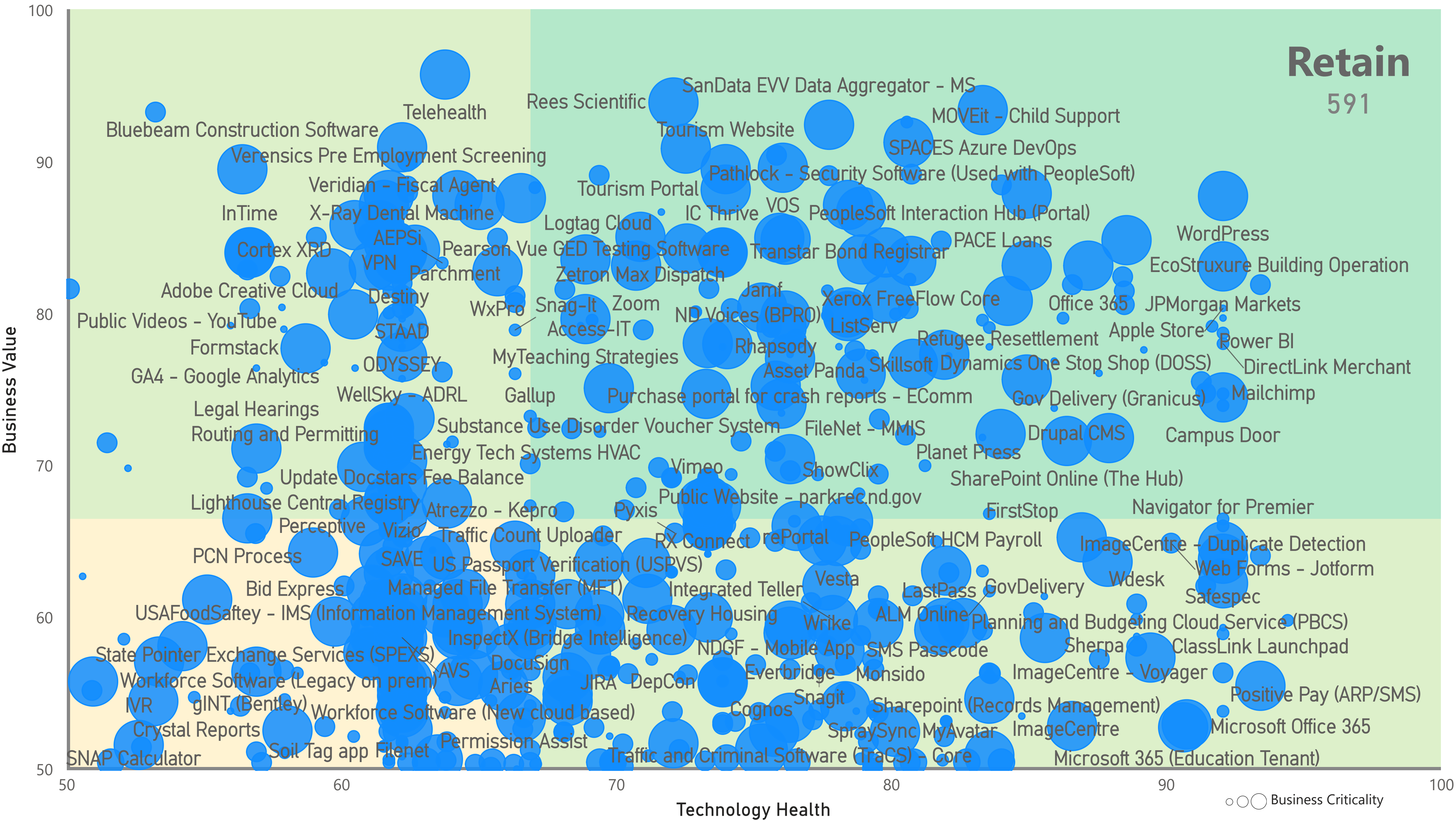
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Division / Section

All

Status

All

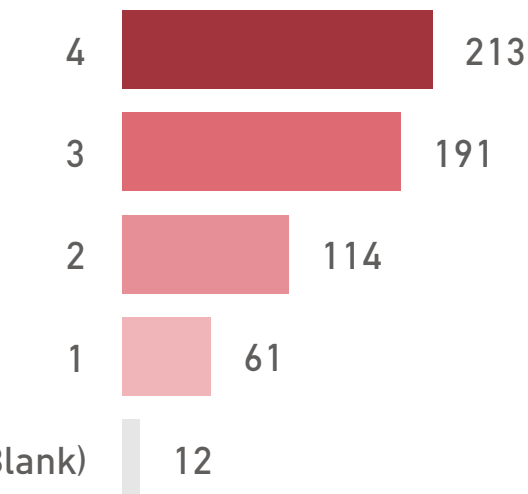


# Applications  
591

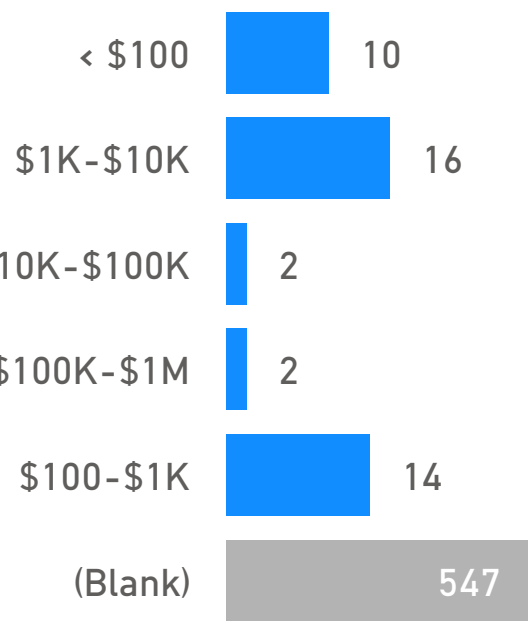
Refresh	Retain
Retire	Review

Full View

## Business Criticality



## Monthly Op Cost





# Application Portfolio Rationalization

Agency

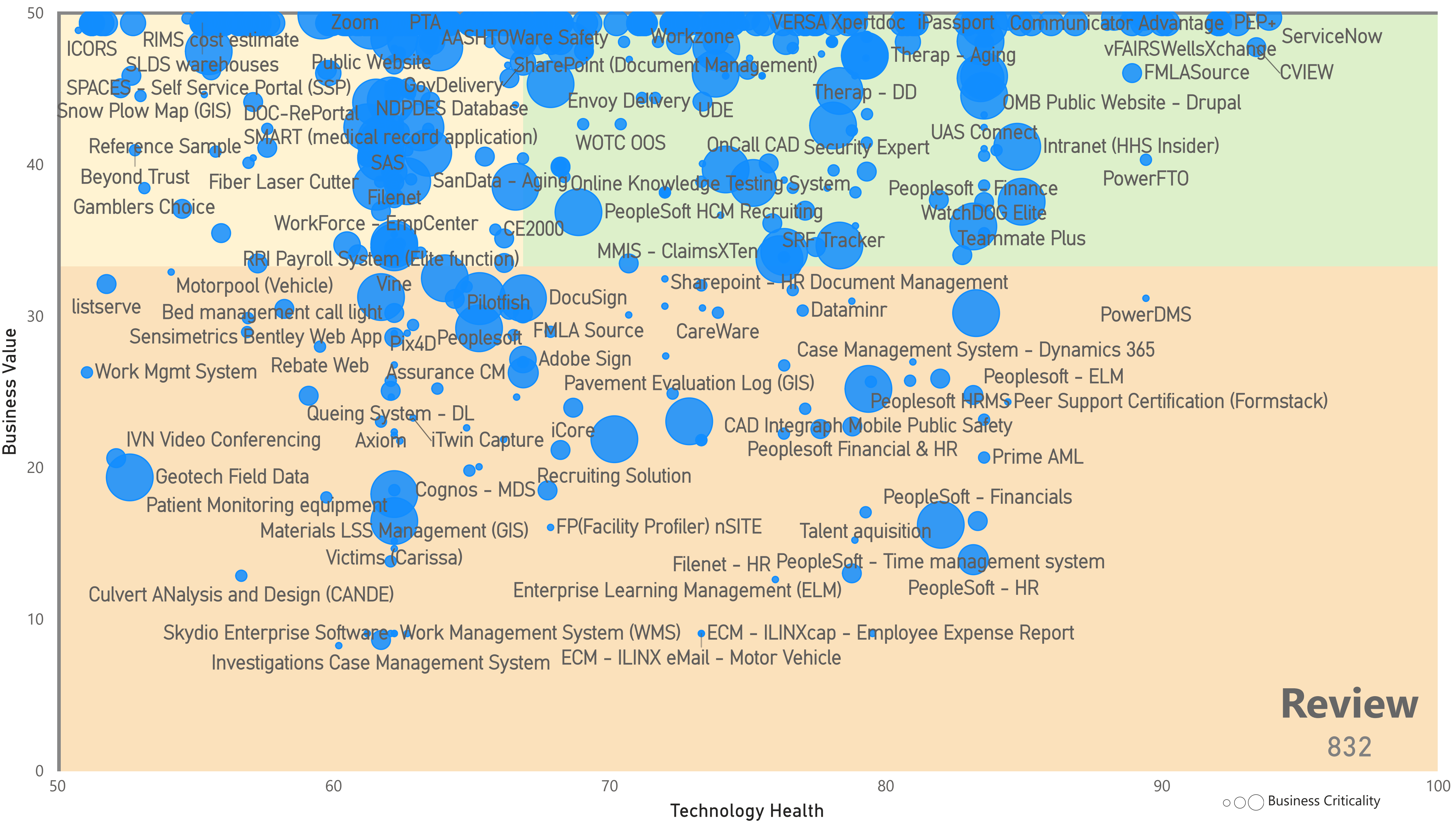
All

Division / Section

All

Status

All



# Applications  
**835**

Refresh

Retain

Retire

Review

Full View

**Business Criticality**

456

397

297

195

(Blank)489

**Monthly Op Cost**

< \$10012

\$1K-\$10K6

\$10K-\$100K7

\$100-\$1K8

(Blank)801

# Application Portfolio Rationalization

Agency

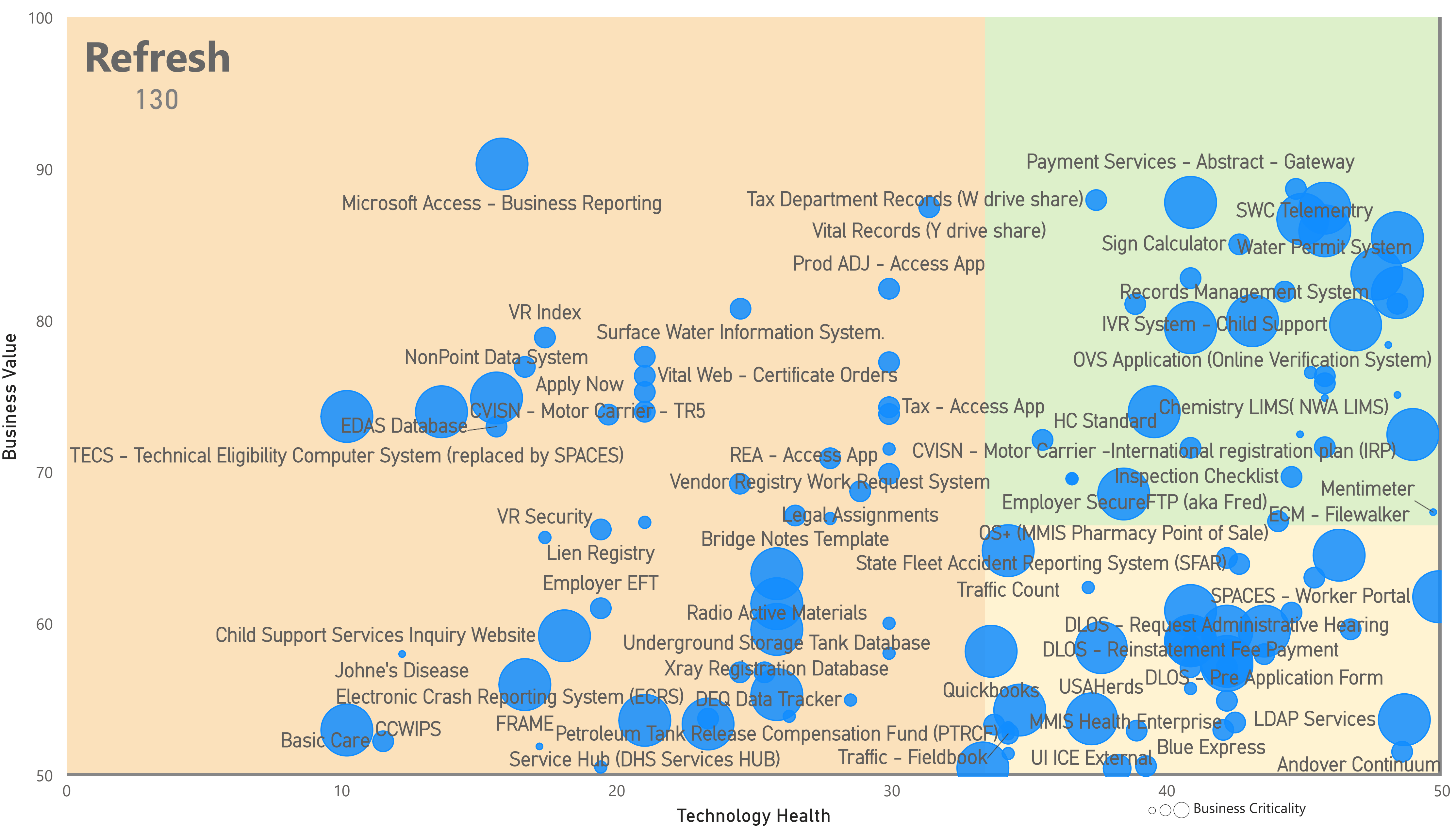
All

Division / Section

All

Status

All



# Applications  
**130**

Refresh

Retain

Retire

Review

Full View

**Business Criticality**

4

43

3

60

2

18

1

8

(Blank)

1

**Monthly Op Cost**

< \$100

3

\$1K-\$10K

2

\$100-\$1K

5

(Blank)

120



# Application Portfolio Rationalization

Agency

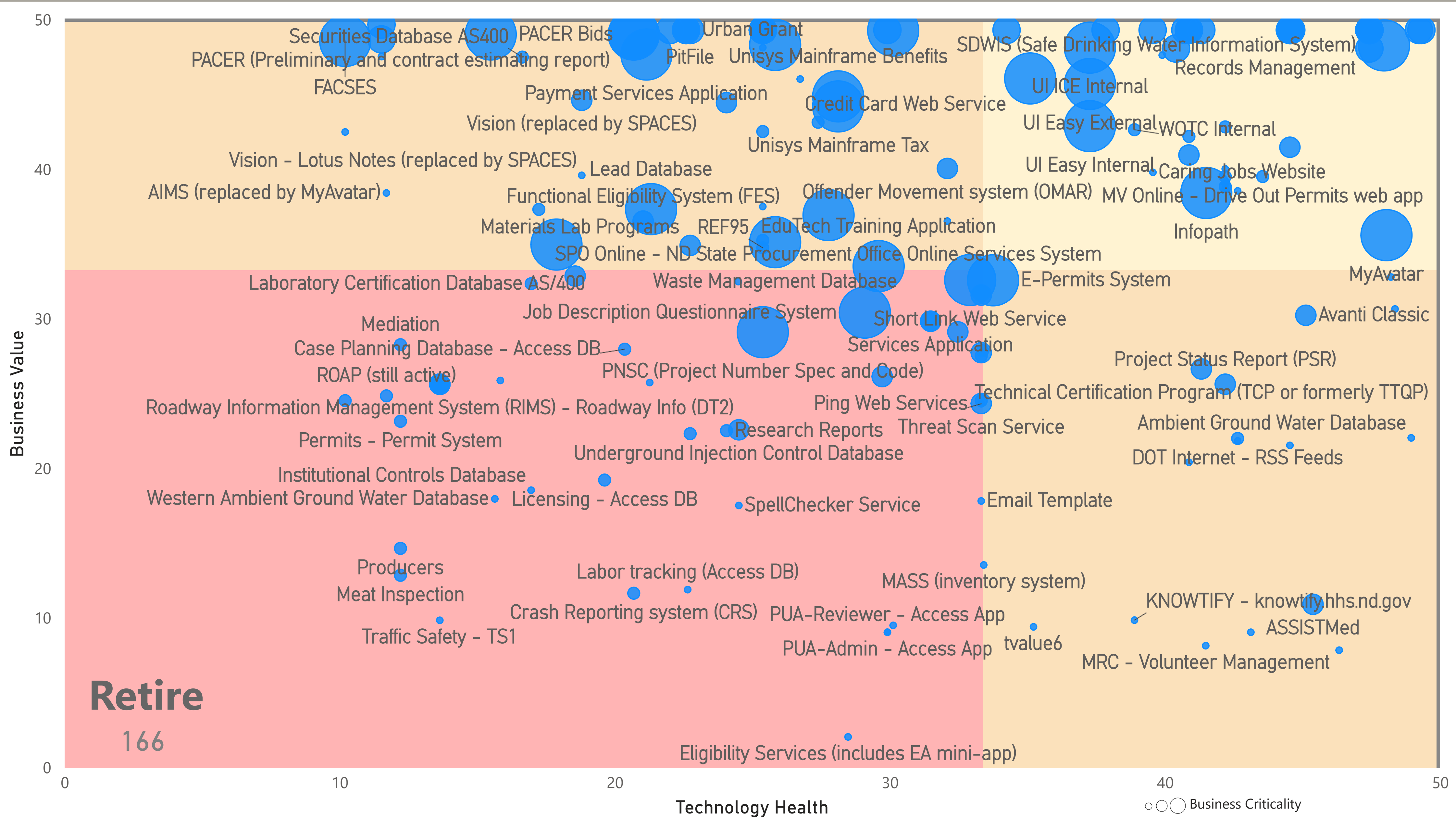
All

Division / Section

All

Status

All



# Applications  
166

Refresh

Retain

Retire

Review

Full View

**Business Criticality**

4 25  
3 30  
2 28  
1 42  
(Blank) 41

**Monthly Op Cost**

< \$100 5  
\$1K-\$10K 2  
\$100-\$1K 20  
(Blank) 139

# Application Rationalization Disposition Heatmap

Agency

All

▼

Division / Section

All

▼

Status

All

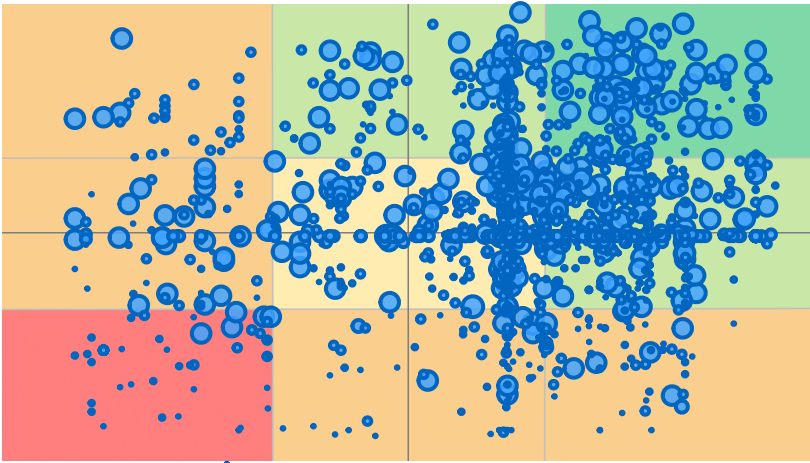
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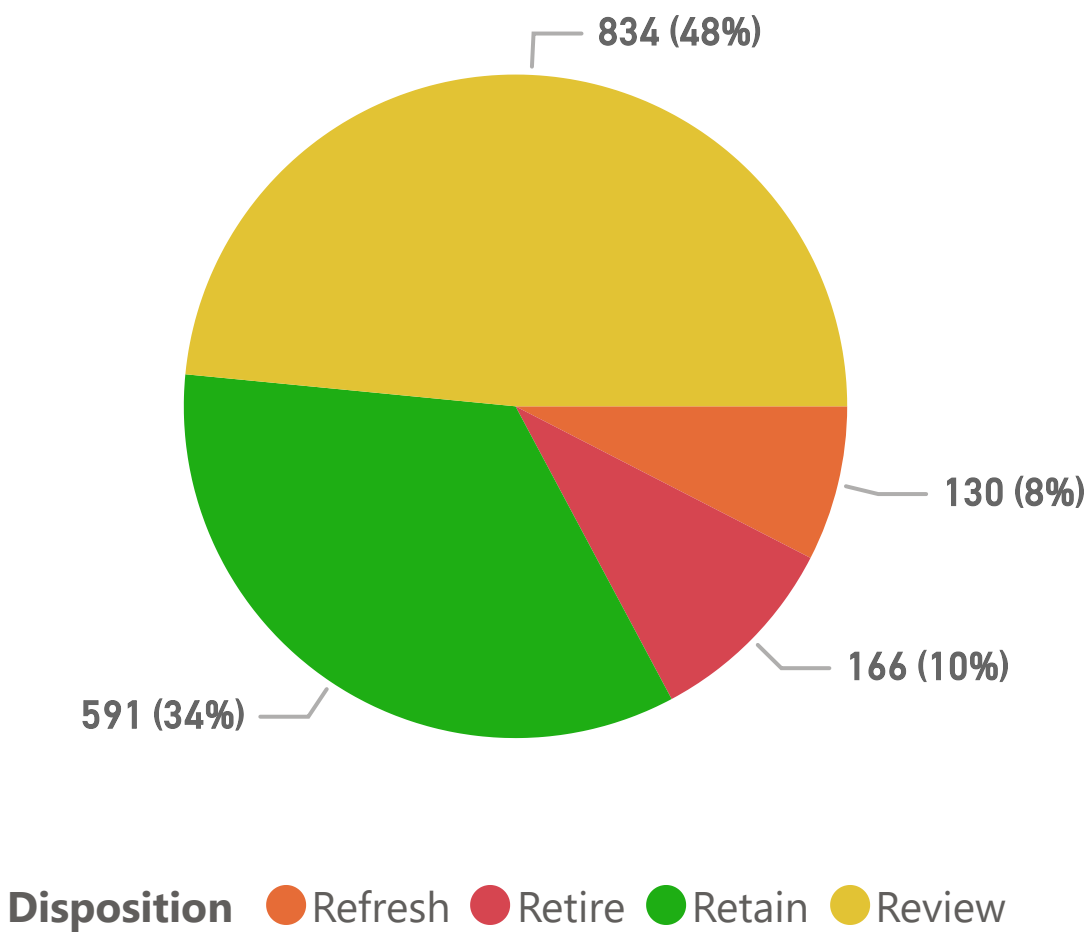
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Rationalization Details

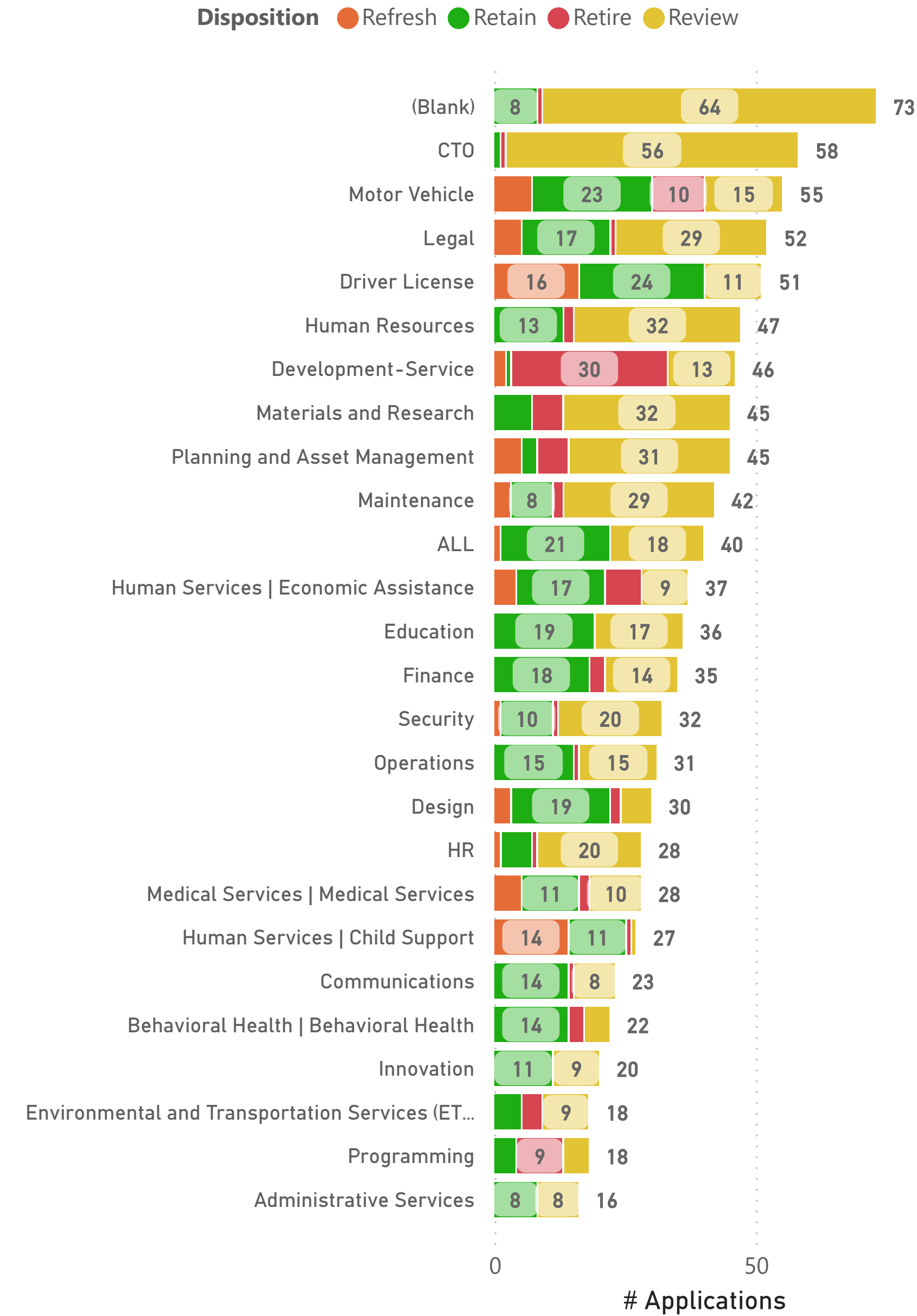
# Applications  
1722



Disposition - # Applications



Disposition by Division/Section



Agency

All

Division / Section

All

Status

All

APP_ID	Application Name	Division   Section	Business	Tech	Rationalization
BA1745	Eligibility Services (include...	Human Services   Econ...	2.04	28.49	Retire
BA2735	Dymo Label Maker	Operations	7.84	46.34	Retire
BA1817	MRC - Volunteer Managem...	Public Health   Emerge...	8.14	41.49	Retire
BA1913	COGNOS Reporting	Administrative Services	8.24	60.21	Review
BA2083	Investigations Case Manage...	Professional Standards	8.61	61.74	Review
BA1091	ATMS (Automated Traffic Ma...	Maintenance	9.04	62.69	Review
BA1170	Digital Image Exchange	Driver License	9.04	62.09	Review
BA2763	DocClass - ACA Standards	Administrative Services	9.04	79.54	Review
BA1227	ECM - Avrio Intellego Conn...	Legal	9.04	61.24	Review
BA1232	ECM - Avrio Intellego Conn...	Legal	9.04	61.24	Review
BA1265	ECM - Graham Process Cha...	Legal	9.04	43.13	Retire
BA1289	ECM - ILINX eMail - Motor ...	Motor Vehicle	9.04	73.34	Review
BA1302	ECM - ILINXcap - Employe...	Human Resources	9.04	73.34	Review
BA2853	PUA-Admin - Access App	UI	9.04	29.92	Retire
BA2854	PUA-Reviewer - Access App	UI	9.04	29.92	Retire
BA1586	Skydio Enterprise Software	Bridge   Bridge Inspect...	9.04	62.22	Review
BA1649	Work Management System ...	Legal	9.04	62.22	Review
BA1065	tvalue6	DCS	9.40	35.23	Retire
BA2546	Future Downtime Web Serv...	Development-Service	9.50	30.13	Retire
BA1626	Traffic Safety - TS1	Highway Safety	9.84	13.65	Retire
BA1789	KNOWTIFY - knowtify.hhs.n...	Communications   Publ...	9.85	38.90	Retire
BA2111	ASSISTMed	Medical	10.91	45.39	Retire
BA1153	Crash Reporting system (C...	Highway Safety	11.65	20.70	Retire
BA2244	Labor tracking (Access DB)	Finance	11.89	22.66	Retire
BA2231	Filenet - HR	Human Resources	12.60	76.02	Review
BA1011	Meat Inspection	Livestock	12.85	12.22	Retire
BA1160	Culvert ANalysis and Desig...	Bridge   Bridge Manag...	12.85	56.68	Review
BA1335	Enterprise Learning Manag...	Human Resources	13.01	78.79	Review
BA1950	MASS (inventory system)	Business office	13.54	33.42	Retire
BA1517	Queing System - MV	Motor Vehicle	13.80	62.09	Review
BA2379	PeopleSoft - HR	ALL	13.91	83.35	Review
BA2158	MASS Pre-Processing	Business office	14.64	62.22	Review
BA1020	Producers	Livestock	14.65	12.22	Retire
BA1355	Fortran	Bridge   Bridge Design,...	15.14	62.22	Review
BA1734	COVID Emergency Rent Ass...	Human Services   Econ...	15.20	78.90	Review
BA1519	R18Lab QMS	Materials and Research	15.84	62.42	Review
BA1669	FP(Facility Profiler) nSITE	Office of the Director	16.04	67.88	Review
BA2104	PeopleSoft - Time manage...	Human Resources	16.21	82.01	Review
BA2755	PeopleSoft - Financials	ALL	16.46	83.35	Review
BA2783	Victims (Carissa)	Victims Services	16.46	62.22	Review
BA1612	Talent aquisition	Human Resources	17.04	79.29	Review
BA2570	SpellChecker Service	Development-Service	17.52	24.52	Retire
BA2538	Email Template	Development-Service	17.82	33.33	Retire
BA1692	Western Ambient Ground W...	Division of Water Quality	17.96	15.65	Retire
BA1905	BigAnt Office Messenger 5	Rough Rider Industry	18.02	59.76	Review
BA2739	Materials LSS Managemen...	Materials and Research	18.24	62.22	Review



# Technical Debt Ranking

Agency

All

Division / Section

All

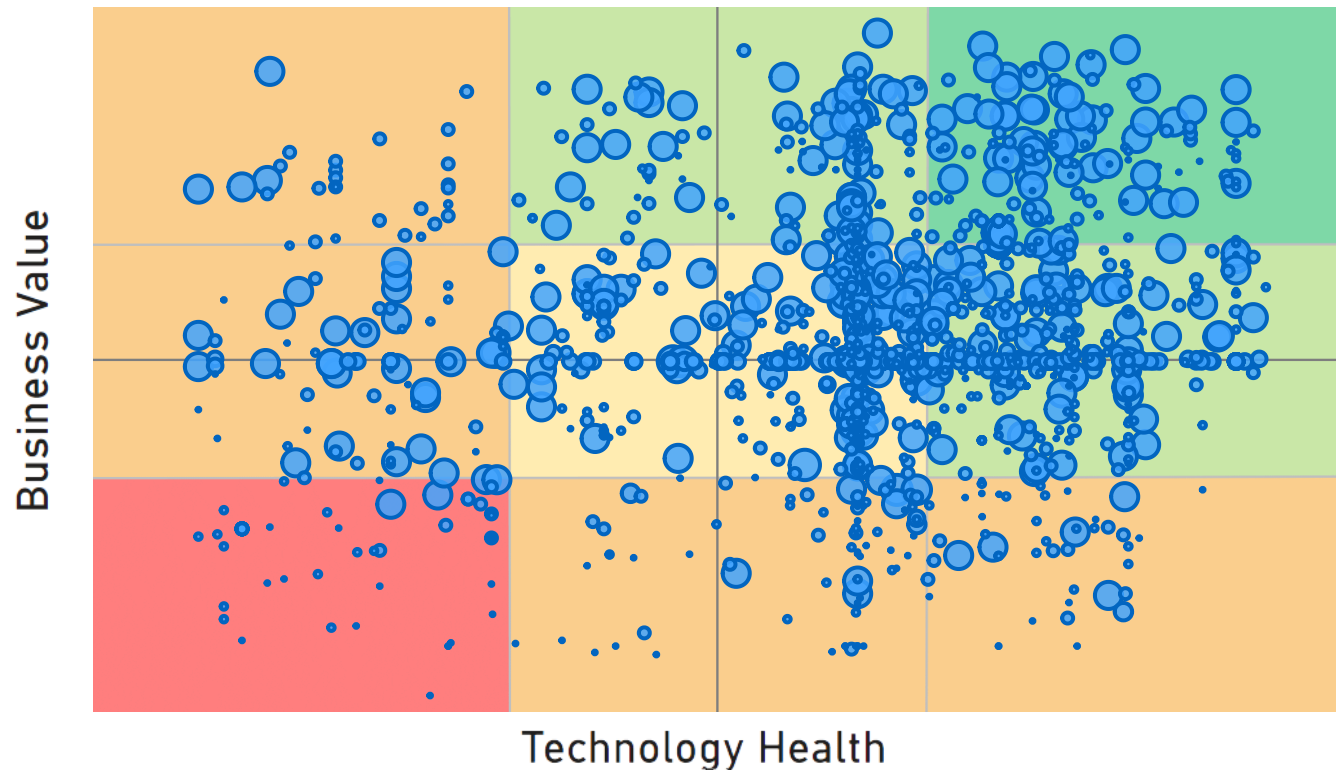
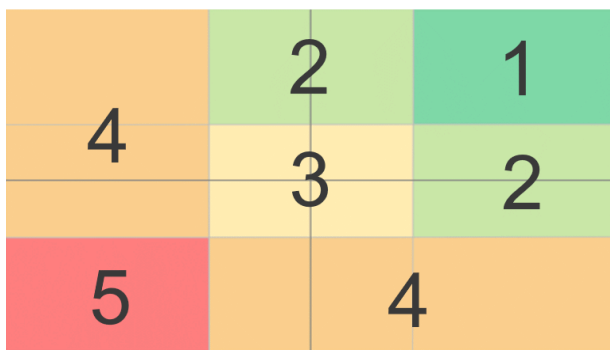
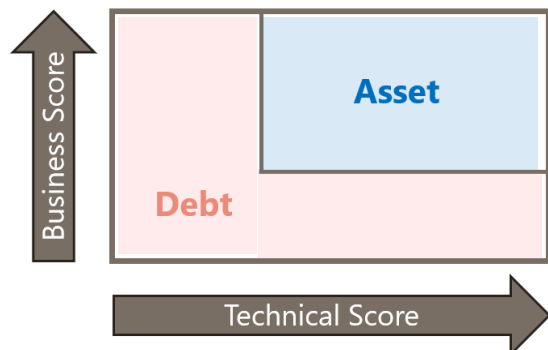
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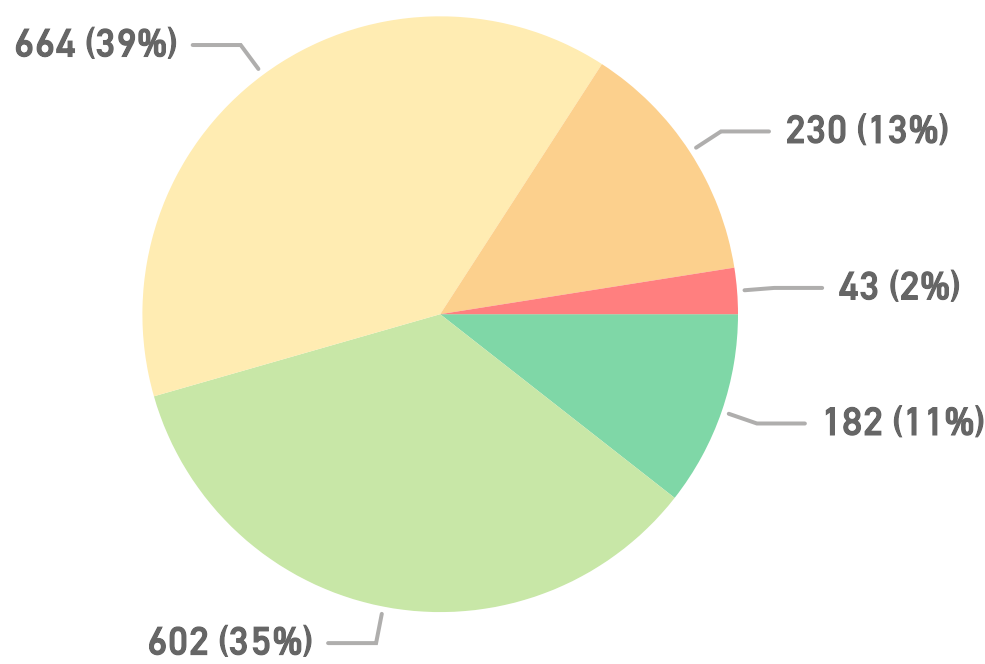
# Applications

1722

Technical Debt Ranking



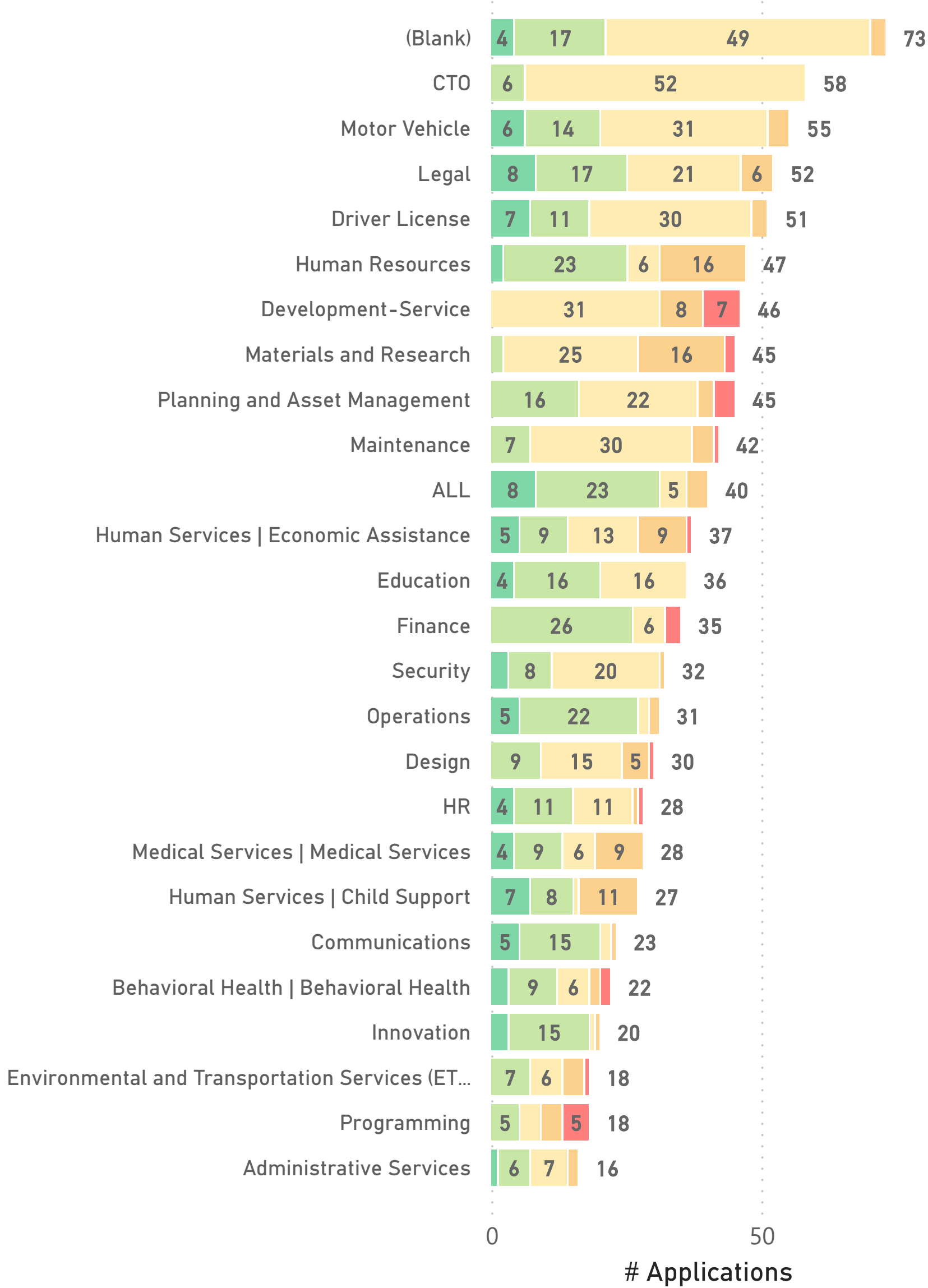
Technical Debt Rank - # Applications



Ranking 1 2 3 4 5

Technical Debt Rank by Division/Section

Ranking 1 2 3 4 5



APP_ID	Application Name	Division   Section	Business	Tech	Ranking
BA1081	Annual Oil Storage Tank Inspec...	Maintenance	32.49	24.50	5
BA1908	Case Planning Database - Acc...	Case Planning	27.97	20.37	5
BA1732	Contract System	Finance	24.53	10.21	5
BA1153	Crash Reporting system (CRS)	Highway Safety	11.65	20.70	5
BA1745	Eligibility Services (includes E...	Human Services   Econ...	2.04	28.49	5
BA2539	Email Validation Service	Development-SERVICE	26.14	29.73	5
BA2546	Future Downtime Web Service	Development-SERVICE	9.50	30.13	5
BA2547	Generic File Transfer System	Development-SERVICE	29.13	32.48	5
BA1369	Highmast Lighting/Overhead Si...	Bridge   Bridge Inspect...	25.74	21.28	5
BA1671	Institutional Controls Database	Division of Water Quality	18.54	16.97	5
BA2319	Job Description Questionnaire ...	HR	30.42	29.10	5
BA2244	Labor tracking (Access DB)	Finance	11.89	22.66	5
BA1672	Laboratory Certification Datab...	Division of Chemistry	32.35	16.97	5
BA2282	Licensing - Access DB	Behavioral Health   Be...	19.22	19.64	5
BA1417	Maint Costs	Materials and Research	22.32	22.75	5
BA1011	Meat Inspection	Livestock	12.85	12.22	5
BA1012	Mediation	Administration	28.27	12.22	5
BA2248	Money Follows the Person - M...	Human Services   Agin...	32.86	18.57	5
BA1016	Permits - Permit System	Animal Health	23.15	12.22	5
BA1501	PNSC (Project Number Spec an...	Environmental and Tra...	29.11	25.39	5
BA1020	Producers	Livestock	14.65	12.22	5
BA2853	PUA-Admin - Access App	UI	9.04	29.92	5
BA2854	PUA-Reviewer - Access App	UI	9.04	29.92	5
BA2201	Random Moment Time Study (...)	Finance	25.88	15.85	5
BA1533	Research Reports	Materials and Research	22.52	24.07	5
BA1563	Roadway Information Manage...	Programming	25.63	13.65	5
BA1564	Roadway Information Manage...	Programming	25.63	13.65	5
BA1565	Roadway Information Manage...	Programming	25.63	13.65	5
BA1566	Roadway Information Manage...	Planning and Asset Ma...	25.63	13.65	5
BA1567	Roadway Information Manage...	Planning and Asset Ma...	25.63	13.65	5
BA1568	Roadway Information Manage...	Planning and Asset Ma...	25.63	13.65	5
BA1570	Roadway Information Manage...	Design	25.63	13.65	5
BA1571	Roadway Information Manage...	Programming	25.63	13.65	5
BA1572	Roadway Information Manage...	Programming	25.63	13.65	5
BA1573	Roadway Information Manage...	Planning and Asset Ma...	25.63	13.65	5
BA1859	ROAP (still active)	Behavioral Health   Be...	24.85	11.71	5
BA2567	Server Utilities Application - J...	Development-SERVICE	29.84	31.49	5
BA2568	Services Application	Development-SERVICE	29.84	31.49	5
BA2569	Short Link Web Service	Development-SERVICE	32.60	32.93	5
BA2570	SpellChecker Service	Development-SERVICE	17.52	24.52	5
BA1626	Traffic Safety - TS1	Highway Safety	9.84	13.65	5
BA1688	Underground Injection Control ...	Division of Water Quality	22.58	24.52	5
BA1692	Western Ambient Ground Wate...	Division of Water Quality	17.96	15.65	5
BA1072	Accessibility Testing	Civil Rights	21.84	66.18	4
BA2606	Adobe Sign	Innovation	27.12	86.90	4
BA1703	AIMS (replaced by MyAvatar)	Behavioral Health   Sta...	38.42	11.71	4
BA1752	Ambient Ground Water Databa...	Division of Water Quality	22.87	18.87	4

# Application Portfolio Rationalization

Agency

All

▼

Division / Section

All

▼

Status

All

▼

APP_ID	Application_Name	Agency	Division	Division_Section	Business_Owner	Technical_Owner	Business_Function_Description	Status
BA1008	Johne's Disease	DOA	Animal Health		Ethan Andress	Kent Theurer	Disease Data	In Progress
BA1021	USAHerds	DOA	Animal Health		Ethan Andress	Kent Theurer	Disease Reporting	In Progress
BA1057	Quickbooks	Dept. of Commerce	Tourism, DCS, Fiscal		Deanne Cunningham	Peggy Weiss	Sales Invoicing	In Progress
BA1062	Survey Monkey	Dept. of Commerce	ALL		Tricia Miller	Tricia Miller	Survey builder for agency, various data collection	In Progress
BA1076	Adobe Experience Manager (AEM)	DOT	Legal		Steve Barreth	Treva Beard/Ivy Phillips		In Progress
BA1099	Billboard Inventory Record - SFN 6728	DOT	Maintenance		Greg Doll	Treva Beard/Ivy Phillips		In Progress
BA1100	Billboard Inventory Update	DOT	Maintenance		Greg Doll	Treva Beard/Ivy Phillips	Update RIMS Inventory	In Progress
BA1102	Billing Usage System (BUS)	DOT	State Fleet(301)		Leisa Borstad	Lindsay Dykins	State Fleet Vehicle Usage Billing, Driver ID Request, Agency Cost Reports Submission	In Progress
BA1106	Bridge Notes Template	DOT	Design		Travis Cork		Microsoft Word document used as template for the notes sheets used in plans by the Bridge Division. Contains macros and VBA programming.	In Progress
BA1134	Card Access Issue and Return - SFN 2354	DOT	Maintenance		Dylan Seitz	Ivy Phillips		In Progress
BA1148	Corner Recordation Entry - Corner Admin	DOT	Design		Kris Johnson	Kai Christensen	Application used to enter corner recordation forms into the GIS database. Allows to publish Corner Recordation forms to website and maintain existing Corner Recordation database.	In Progress
BA1163	CVISN - Motor Carrier - International Fuel Tax agreement (IFTA)	DOT	Motor Vehicle		Damir Bicanic	Scott Moran	IFTA is an agreement between all the U.S states except Alaska and Hawaii and most of the provinces/territories of Canada. This agreement establishes the concept of one fuel use license and one administering base jurisdiction for each licensee. The licensee's base jurisdiction will be the administrator of this agreement and execute all the provisions with respect to the licensee	In Progress
BA1164	CVISN - Motor Carrier - TR5	DOT	Motor Vehicle		Damir Bicanic	Scott Moran	Contains MC info	In Progress
BA1166	CVISN - Motor Carrier -International registration plan (IRP)	DOT	Motor Vehicle		Damir Bicanic	Scott Moran	IRP is an agreement among 48 states, 10 Canadian Provinces and the District of Columbia whereby a motor carrier can register commercial vehicle fleets for travel in all IRP jurisdictions by filing the paperwork with the home (base) jurisdiction.	In Progress
BA1173	DL Photo Capture - Photo First	DOT	Driver License		Rachel Mount	Jen Weigel	This service provides NDDOT Drivers License examiners to take a picture of the customer at the counter. There is also an admin piece to review/delete those images.	In Progress
BA1176	DLOS - Address Verification web app - DL	DOT	Driver License		Rachel Mount	Jen Weigel	This service provides the option to verify ND drivers addresses. It reads data from DOT LEGEND.	In Progress
BA1177	DLOS - Address/Email change web app - DL	DOT	Driver License		Rachel Mount	Jen Weigel	This service provides ND drivers the ability to change their Resident and/or Mailing address, however a new license will NOT be sent. They also have the option to change their email address	In Progress
BA1178	DLOS - CDL Medical Certificate Status	DOT	Driver License		Rachel Mount	Jen Weigel	This service provides ND drivers the ability to verify if they have a valid CDL and verify their medical certificate status	In Progress
BA1179	DLOS - Date of Birth Check	DOT	Driver License		Rachel Mount	Jen Weigel	This service provides ND drivers the ability to verify if the DOB is correct when provided the DriverID.	In Progress
BA1180	DLOS - Donor Registry Change	DOT	Driver License		Rachel Mount	Jen Weigel	This service provides ND drivers the ability to change their donor designation on our driver license database.	In Progress
BA1181	DLOS - Driver License Renewal	DOT	Driver License		Rachel Mount	Jen Weigel	This service provides North Dakota drivers the ability to renew their drivers license online. DOT will validate the renewal information the following day.	In Progress
BA1182	DLOS - Driver License Substitute License	DOT	Driver License		Rachel Mount	Jen Weigel	This system provides North Dakota drivers the ability to obtain a substitute license	In Progress



# Application Contacts

Agency

All

Division / Section

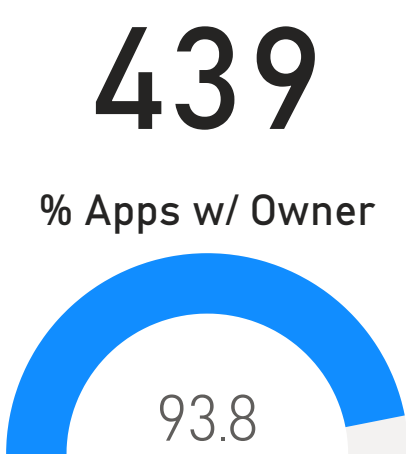
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Status

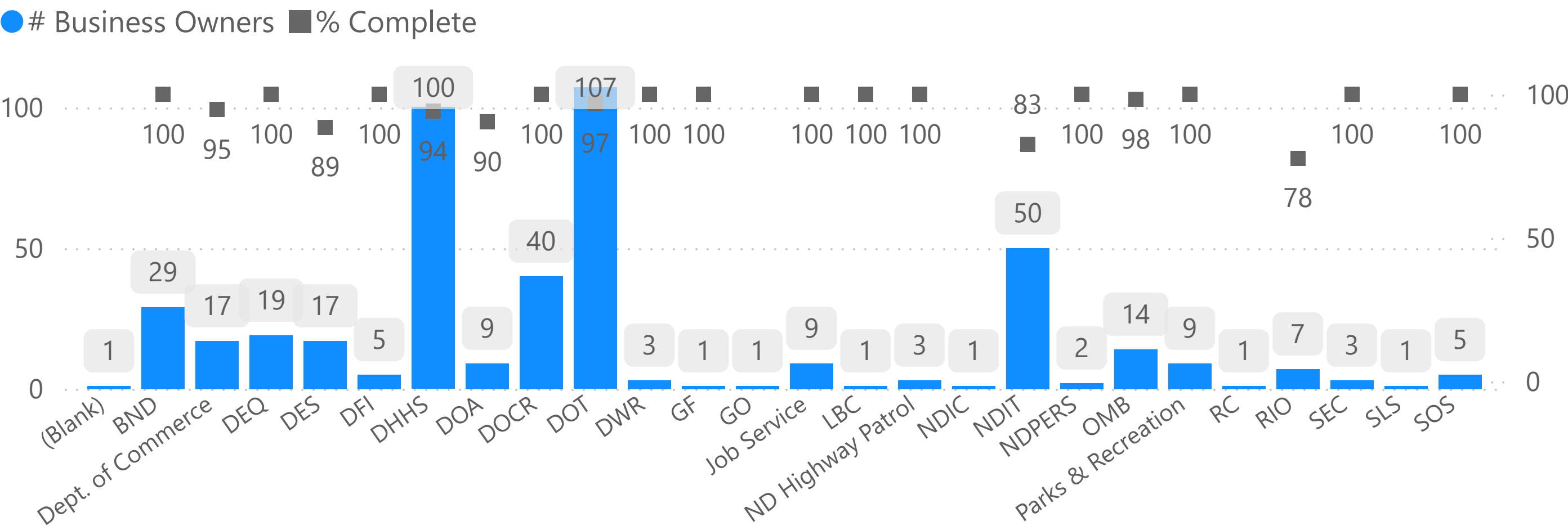
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# Applications: 1715

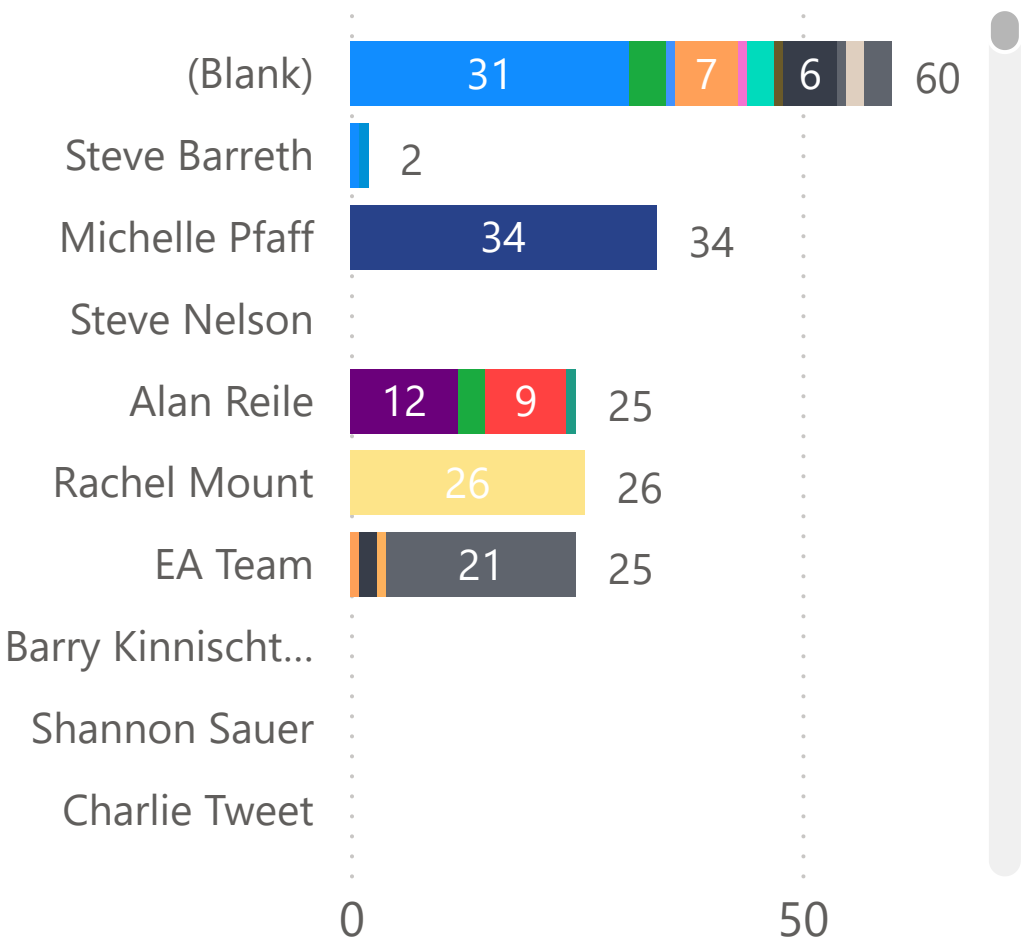
## # Business Owners



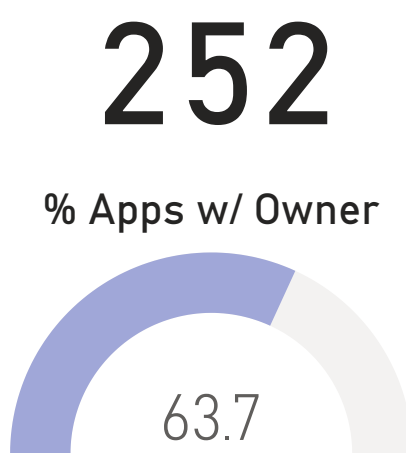
### % of Apps w/ Business Owners



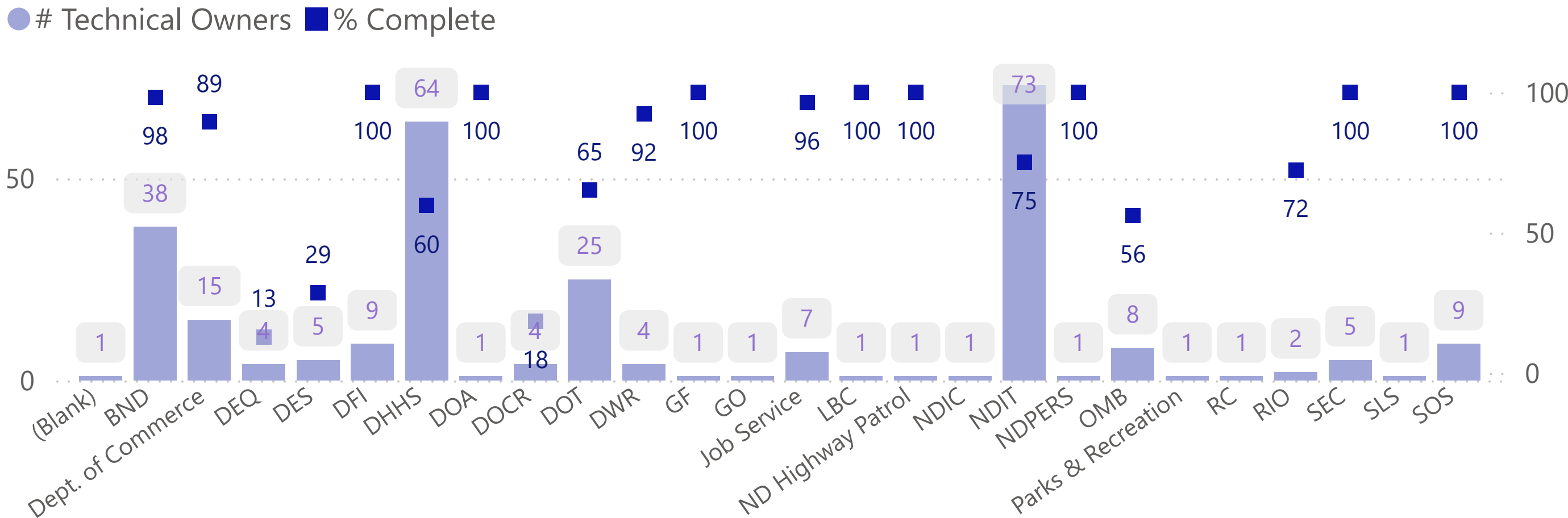
## # Apps by Business Owner



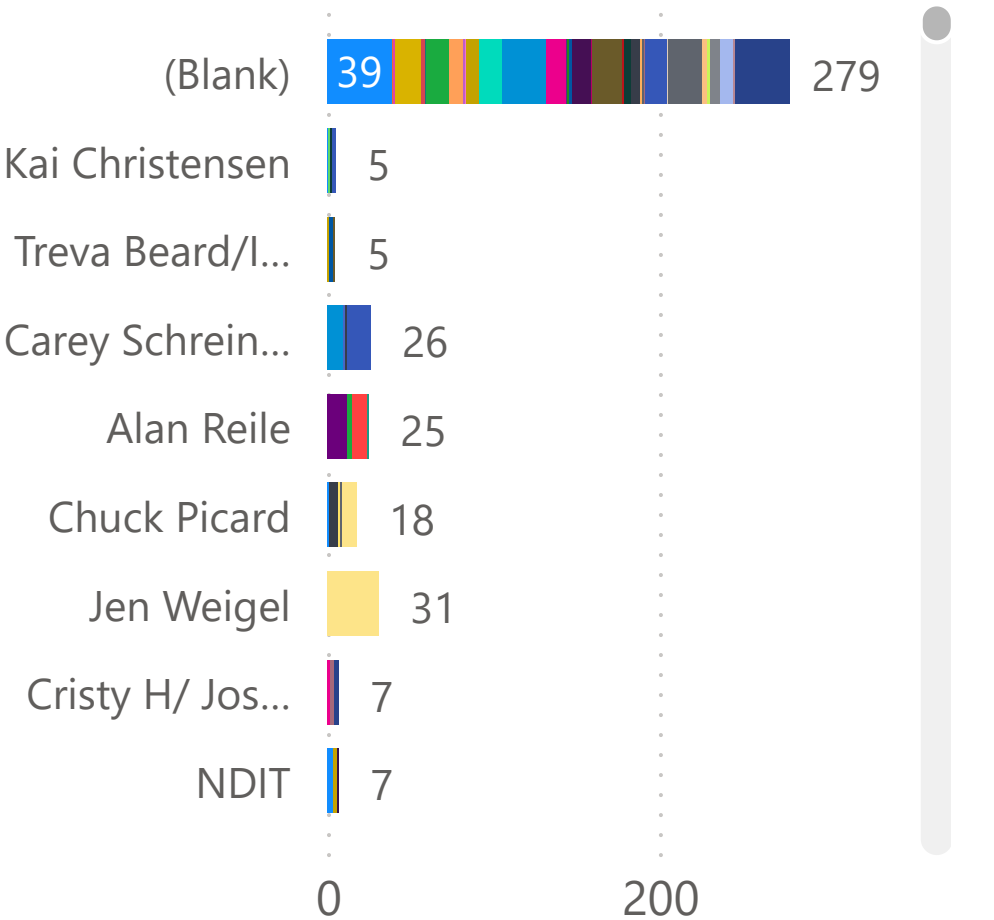
## # Technical Owners



### % of Apps w/ Tech Owners



## # Apps by Technical Owner





# Application Complexity

Agency

All

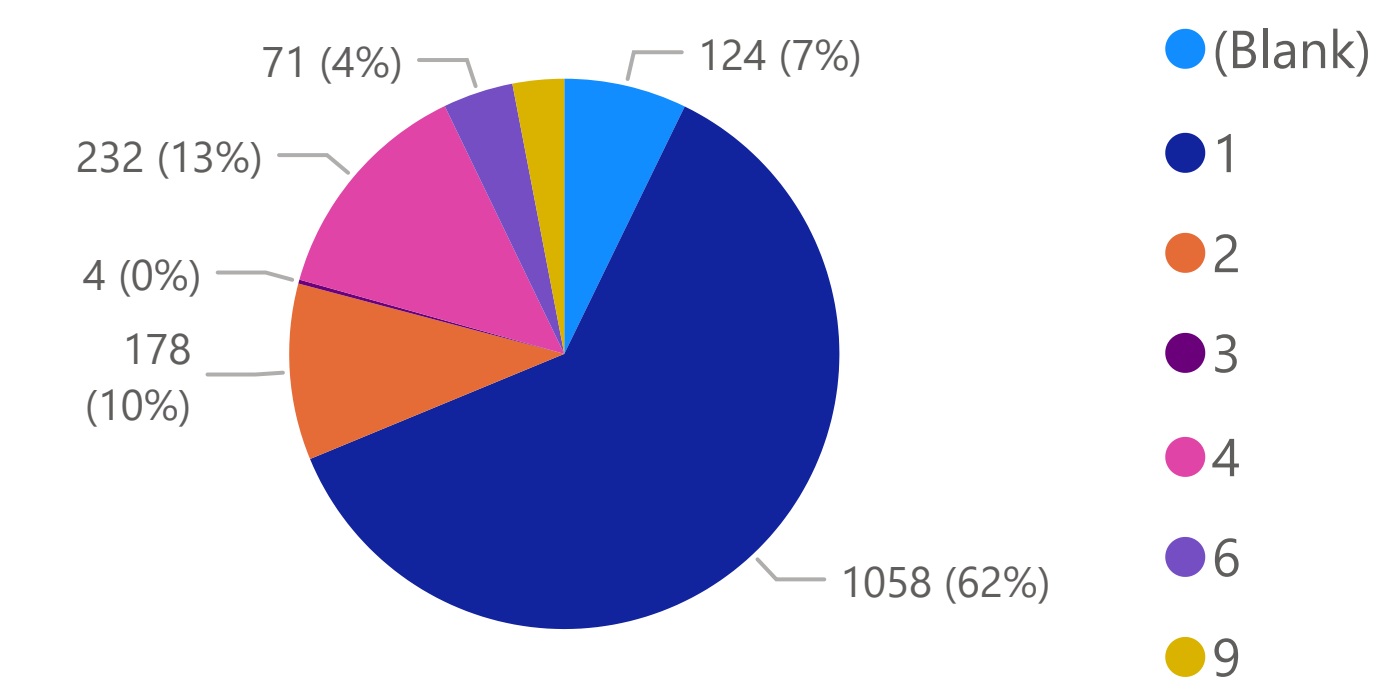
Division / Section

All

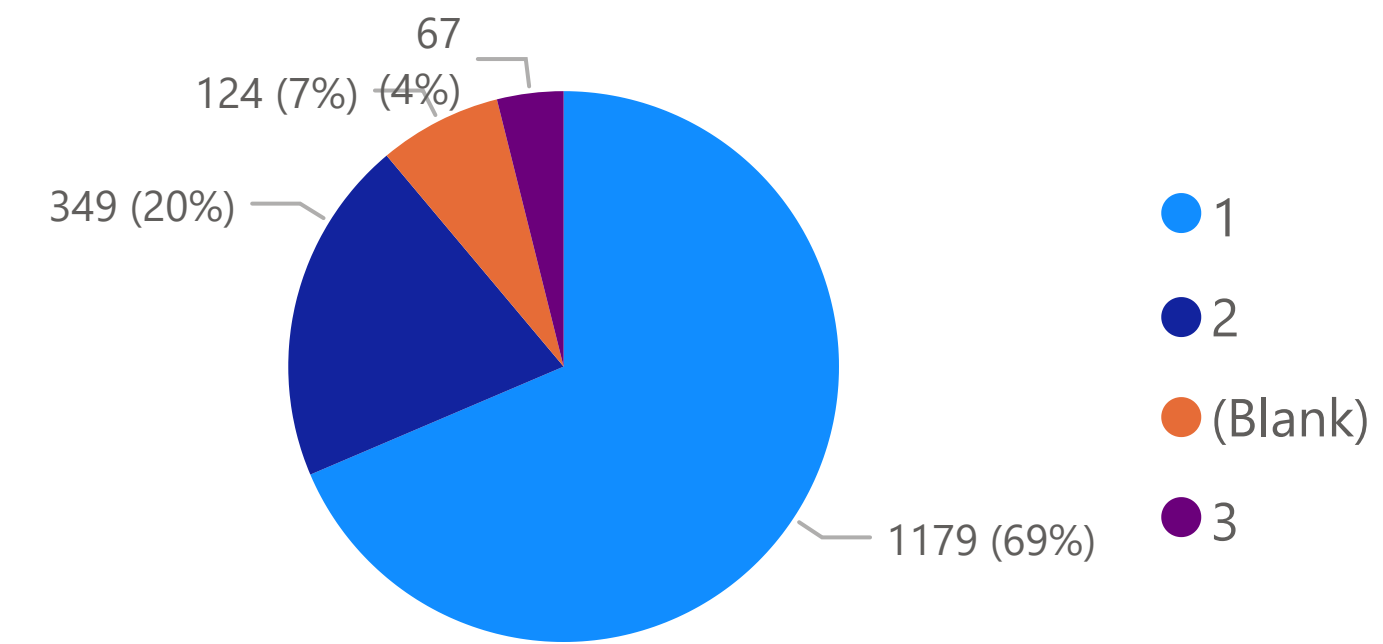
Status

All

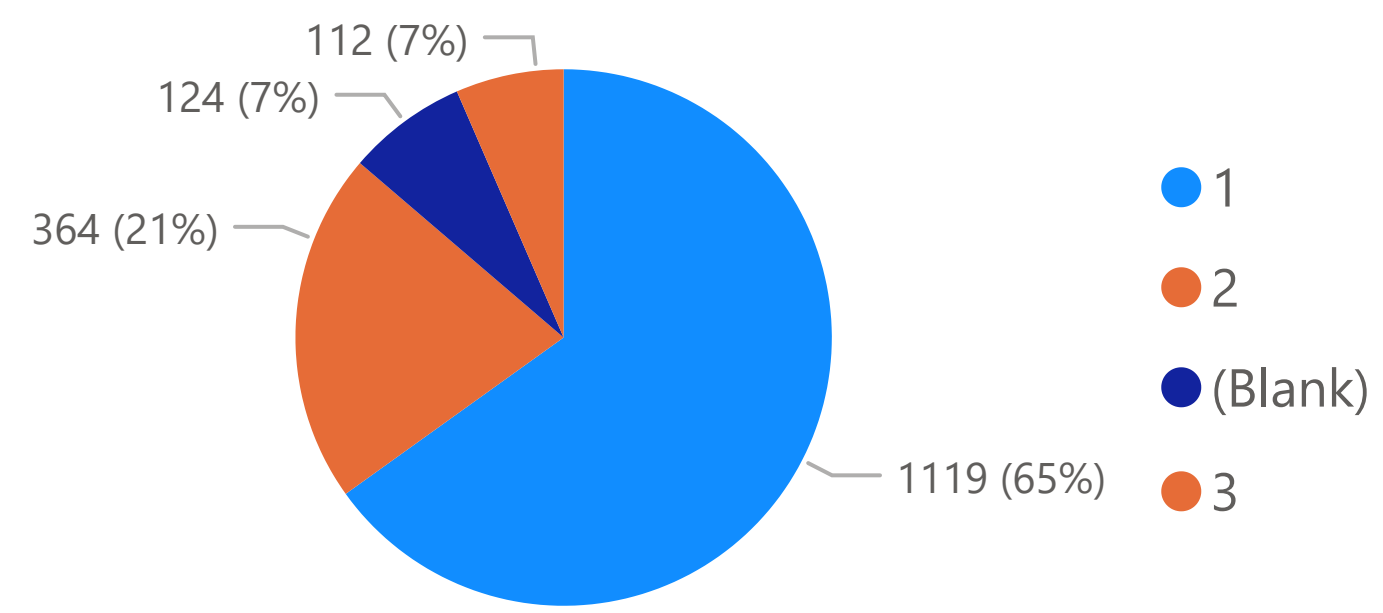
#Apps by Complexity Score



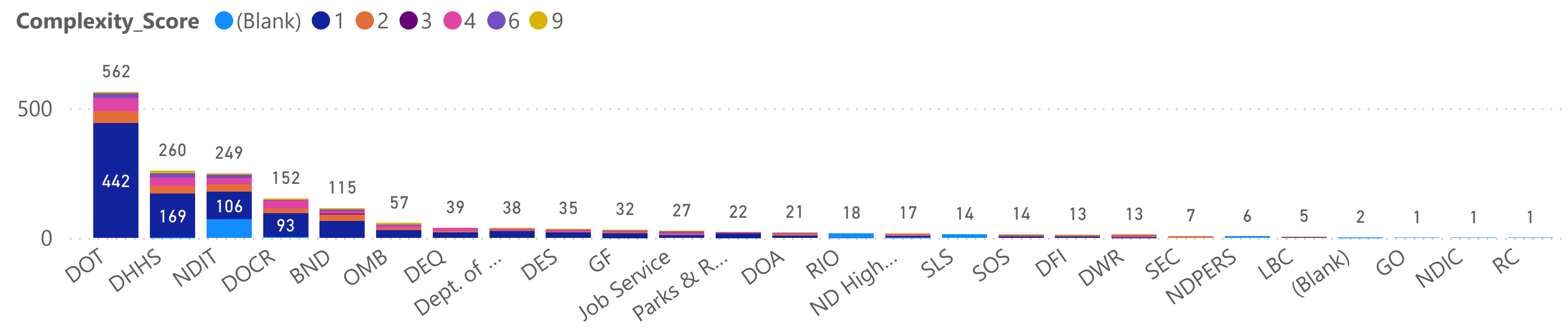
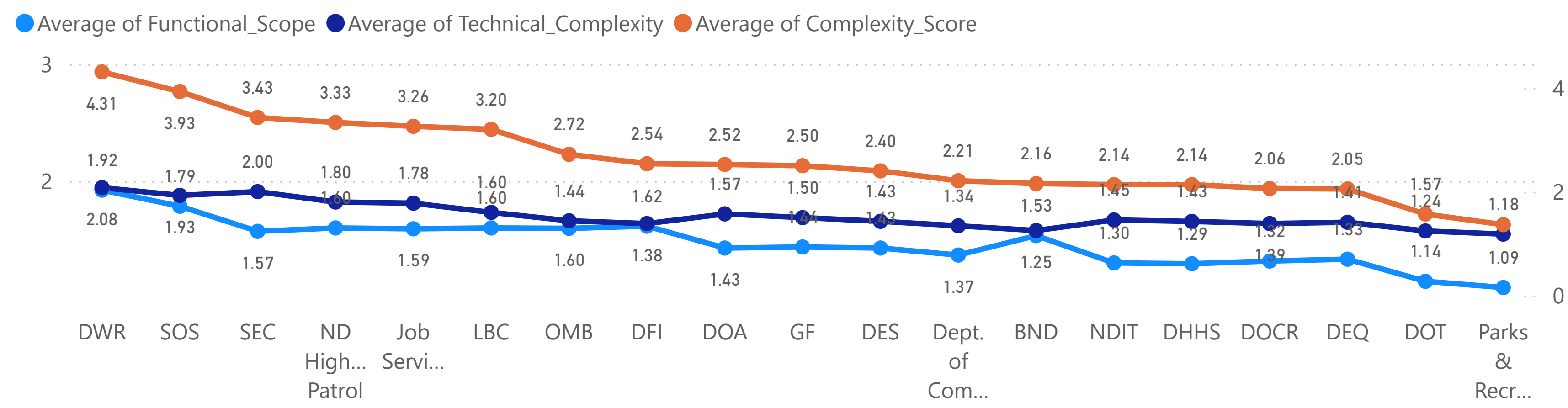
# Apps by Functional Scope



#Apps by Technical Complexity



# Applications: 1715



APP_ID	Agency	Application Name	Division   Section	Business Criticality	Implementation Type	Platform
BA2599	NDIT	KnowBe4	Security	1	SaaS	Clo
BA2310	OMB	PeopleSoft HCM Payroll	Fiscal	4	COTS	Peo
BA2576	NDIT	Appsian SSO and Insight analytics - Peoplesoft?	Systems	(Blank)	COTS	
BA2861	NDIT	ClassLink OneSync	EduTech	4	SaaS	Clo
BA2302	OMB	FMLASource	HR	3	SaaS	Clo
BA2598	NDIT	ID.me	CTO	2	SaaS	Clo
BA2587	NDIT	Microsoft Power Platform/Dynamics	AppDev	1	COTS	MS
BA2829	NDIT	MS Project Online	PMO	(Blank)	SaaS	Clo