



9/12/2024

12-Month PO Spend Analysis for LEAD NHS Foundation Trust

Excel & Power BI project

The LEAD NHS Foundation Trust provided 12 months of PO spend data in CSV format. My objective was to build an updateable live dashboard using Power BI, Excel, and SQL to cleanse, prepare the raw data, analyse, and present actionable insights.

The Stakeholders main requirements is to create the following KPI measures:

- Percentage of spend covered by contracts, categorized by eClass.
- Top 5 spend items, suppliers, and categories.
- Gaps in Contract Cover.
- Non-contract spend with > £10,000 spend per month by eClass.
- Spend in £ for non-contract spend when a contract is available.
- Total spend by contract number.
- Top spend by eClass Category for each requisition point.

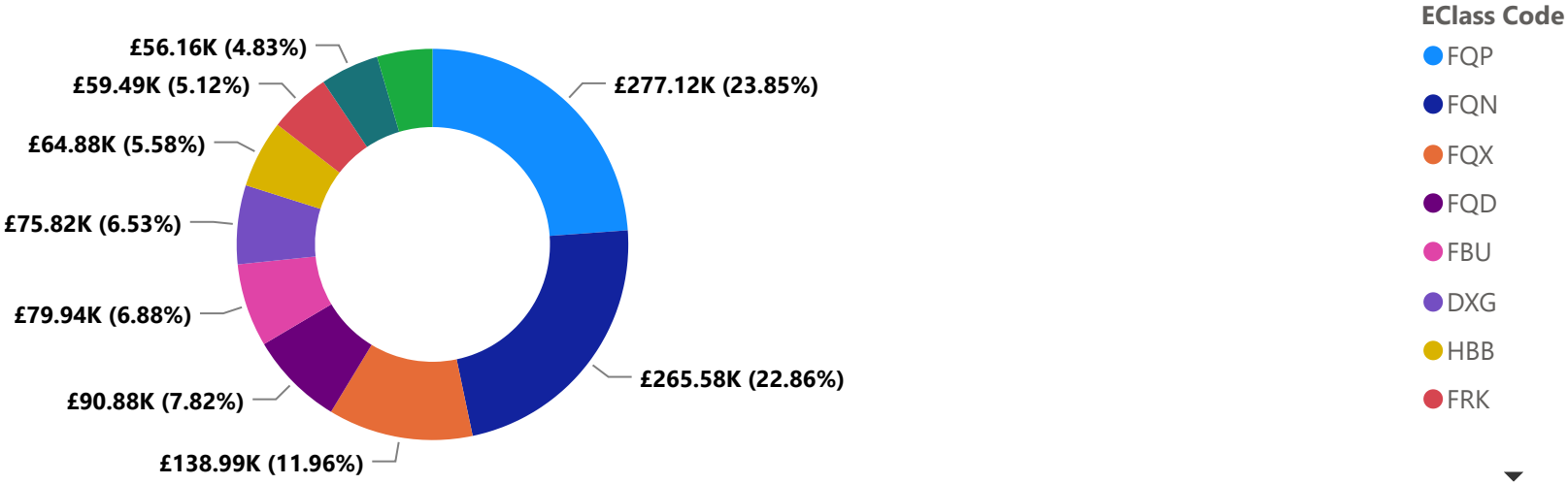
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Percentage cover of Spend on Contract by Eclass

EClass Code	EClass Description	Overall Total Spend	Total Spend On Contract	Percentage Cover
FQP	Joint Replacement Hips	£15,253,672.31	£277,117.90	1.82%
FQN	Joint Replacement Knees	£15,253,672.31	£265,580.00	1.74%
FQX	Orthopaedic Trauma Products	£15,253,672.31	£138,992.40	0.91%
FQD	Pacemakers	£15,253,672.31	£90,876.00	0.60%
FBU	Other Medical & Surgical Equipment Purchases	£15,253,672.31	£79,941.04	0.52%
DXG	Serology	£15,253,672.31	£75,820.01	0.50%
HBB	Analytical Kits	£15,253,672.31	£64,884.72	0.43%
FRK	Drug-Eluting Stents	£15,253,672.31	£59,485.00	0.39%
FCB	Surgical Instruments	£15,253,672.31	£56,161.88	0.37%
HAA	Haematology	£15,253,672.31	£53,092.65	0.35%
FRD	Guidewires	£15,253,672.31	£48,386.00	0.32%
WPH	Printed Stationery	£15,253,672.31	£45,938.99	0.30%
Total		£15,253,672.31	£1,908,209.22	12.47%

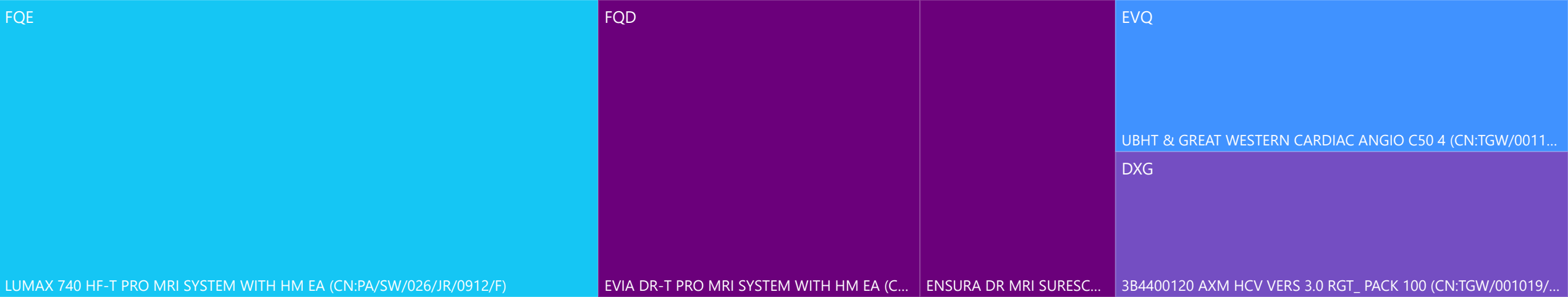
Total Spend >£50,000 On Contract by EClass Code



Top 5 spend On Contract by Item, EClass and Supplier

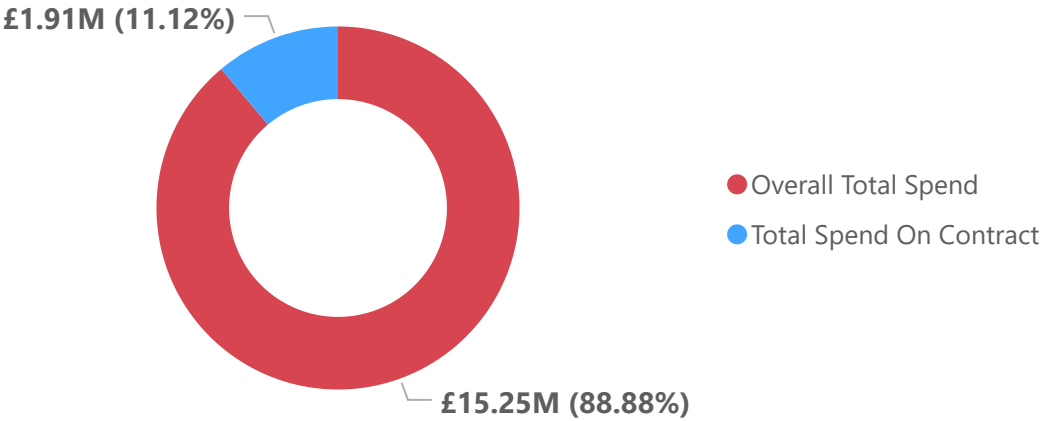
EClass Code	Item Description	Supplier Name	Total Spend On Contract	Rank
FQE	LUMAX 740 HF-T PRO MRI SYSTEM WITH HM EA (CN:PA/SW/026/JR/0912/F)	BIOTRONIK UK LTD	£43,800.00	1
FQD	EVIA DR-T PRO MRI SYSTEM WITH HM EA (CN:PA/SW/026/JR/0912/F)	BIOTRONIK UK LTD	£23,500.00	2
EVQ	UBHT & GREAT WESTERN CARDIAC ANGIO C50 4 (CN:TGW/001179/01/10)	KIMAL PLC	£16,878.96	3
DXG	3B4400120 AXM HCV VERS 3.0 RGT_ PACK 100 (CN:TGW/001019/04/VIROLOGY)	ABBOTT LABORATORIES LTD	£16,170.88	4
FQD	ENSURA DR MRI SURESCAN EACH (CN:PA/SW/026/JR/0912/F)	MEDTRONIC LTD	£14,280.00	5
Total			£114,629.84	1

Total Spend On Contract by EClass Code and Item Description



Gaps in Contract Cover

Overall Total Spend and Total Spend On Contract



Total Gaps in Contract Cover

£13.35M

Total Spend On Contract appears to be only around 11% of the Overall Total Spend. A big gap is noticed, bellow some breakdown values by item and Eclass.

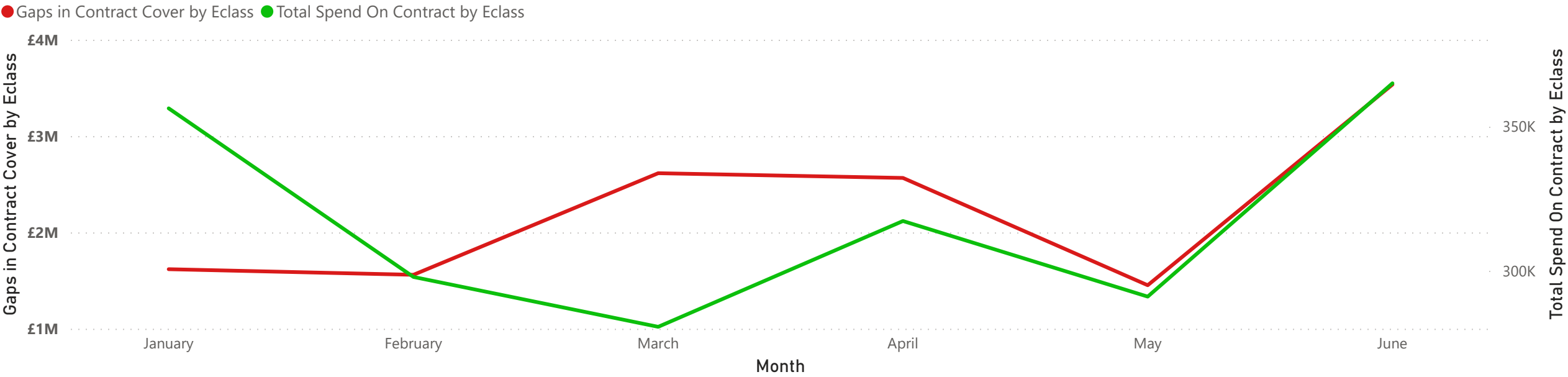
Item Description	Gaps by Item
Quarterly rentals in advance for lease of Somatom Stellar Edge CT scanner and accessories LG16479	£668,860.92
Quarterly in advance rentals for the lease of Magnetom Aera MRI Scanner and Accessories LG 16778	£618,992.36
Quarterly rentals in advance for lease of Artis Zee XRay system and accessories LG16779	£310,699.48
PM-System Evia DR-T MRI inkl. CM	£219,600.00
Interim Consultancy services for Anita Randon for period 20 Dec 12 to 20 Dec 13 to provide Strategy and transformation support	£197,600.00
Viva Quad XT CRTD - Systems	£188,287.00
Engagement of professional services for 1 year from Sheila O'Shea, January to December 2013	£182,000.00
Total	£13,345,463.09

EClass Code	Eclass Description	Gaps by Eclass
FBY	Lease of medical & surgical equipment	£1,730,482.40
FBU	Other Medical & Surgical Equipment Purchases	£978,086.49
ZMF	Management Consultancy Management	£974,167.41
FQD	Pacemakers	£897,489.42
WAC	PCs Integrated Systems	£863,849.20
FYY	Medical & Surgical Equipment Maintenance & cleaning	£798,576.86
JAX	Imaging equipment maintenance	£481,883.62
PZA	Engineering Services Lift Maintenance & Automatic Door Maintenance	£479,170.35
KBD	Laboratory & Pathology other consumables	£430,662.99
FBF	General Medical Surgical Equipment Haemofiltration Tracheostomy Tubes Medical Pulp Products	£244,902.60
Total		£13,345,463.09

Year
2013

Non contract spend with > £10,000 spend per month by eClass

Gaps in Contract Cover by Eclass and Total Spend On Contract by Eclass by Month



Month	Total Spend on Non-Contract Cover by Eclass
June	£3,535,015.88
March	£2,614,617.06
April	£2,565,572.02
January	£1,618,271.53
February	£1,560,194.50
May	£1,451,792.10
Total	£13,345,463.09

Month	Total Spend On Contract by Eclass
June	364,935.81
January	356,265.19
April	317,280.23
February	297,930.11
May	291,124.50
March	280,673.38
Total	1,908,209.22

Total Spend by contract number

Contract Number	Total Spend On Contract
NHS/11/JB/FQX/6968/17	£512,228.35
PA/SW/026/JR/0912/F	£134,676.00
TGW/001094/07	£93,132.31
PA/JR/0118/1211/F	£71,865.00
SW2 PA/JR/0118/1211/F	£66,989.00
T09/0161	£63,114.47
TGW/001019/04/VIROLOGY	£61,565.28
TGW/001011/03/PRINT	£45,801.97
Q1046/05/11/DH/D&O, Q1246/11/12/TB/D&O	£45,425.44
NHS/11/JB/FQX/6968/03	£43,810.00
1007948	£42,825.10
TGW/001203/07/10	£40,237.74
Q1248/11/12/TB/D&O	£40,058.81
TGW/001221/12/10OS	£34,710.53
0644-G	£30,802.50
RN3/001222/12/10/IMMUNO	£30,798.62
1007447	£25,036.90
CM/MSO/05/4425	£22,685.40
3687	£21,597.50
T10/08/02	£20,893.05
TGW/001179/01/10	£16,878.96
NHS/11/DP/FXW/6975/10 BAND 3 PRICES	£16,725.63
TGW/001184/02/10	£16,672.50
04/S 105-86015/EN	£16,117.00
Q1247/11/12/TB/D&O	£15,641.01
1014834	£15,275.00
Q720/03/09/JS/VARIOUS	£12,514.00
0732-C	£11,035.98
Q1102/11/11/JS/PC	£10,682.60
Total	£1,745,721.42

Total Spend On Contract

£1.91M

Total Spend on Non-Contract

£13.35M

Spend in £ for non-contract spend when a contract is available

Spend for non-contract when a contract is available

£133.60K

EClass Code	Eclass Description	Supplier Name	Total non-Contract Spend When contract available
FQD	Pacemakers	BIOTRONIK UK LTD	£39,600.00
FQD	Pacemakers	MEDTRONIC LTD	£32,234.00
FQD	Pacemakers	SORIN GROUP UK LTD	£12,500.00
FFC	Non invasive continuous positive air pressure machines	PHILIPS RESPIRONICS UK	£11,526.90
FRB	Diagnostic or interventional vascular catheters	KIMAL PLC	£2,411.28
FXT	Stapling Devices	JOHNSON & JOHNSON MEDICAL LTD	£2,328.58
FCB	Surgical Instruments	STRYKER UK LTD	£2,298.00
FSG	Laparoscopic consumables	JOHNSON & JOHNSON MEDICAL LTD	£2,287.35
KBB	Laboratory & Pathology Apparatus - General	HORIBA UK LTD	£2,224.80
FSG	Laparoscopic consumables	COVIDIEN (UK) COMMERCIAL LTD	£1,565.73
DXG	Serology	ABBOTT LABORATORIES LTD	£1,470.10
FFL	Continuous positive airway pressure CPAP masks or straps	PHILIPS RESPIRONICS UK	£1,365.00
FBU	Other Medical & Surgical Equipment Purchases	GE HEALTHCARE LTD	£1,350.00
FQR	Spinal & Cranial Implants	STRYKER UK LTD	£1,180.00
Total			£133,601.70

Top spend by eClass Category for each requisition point

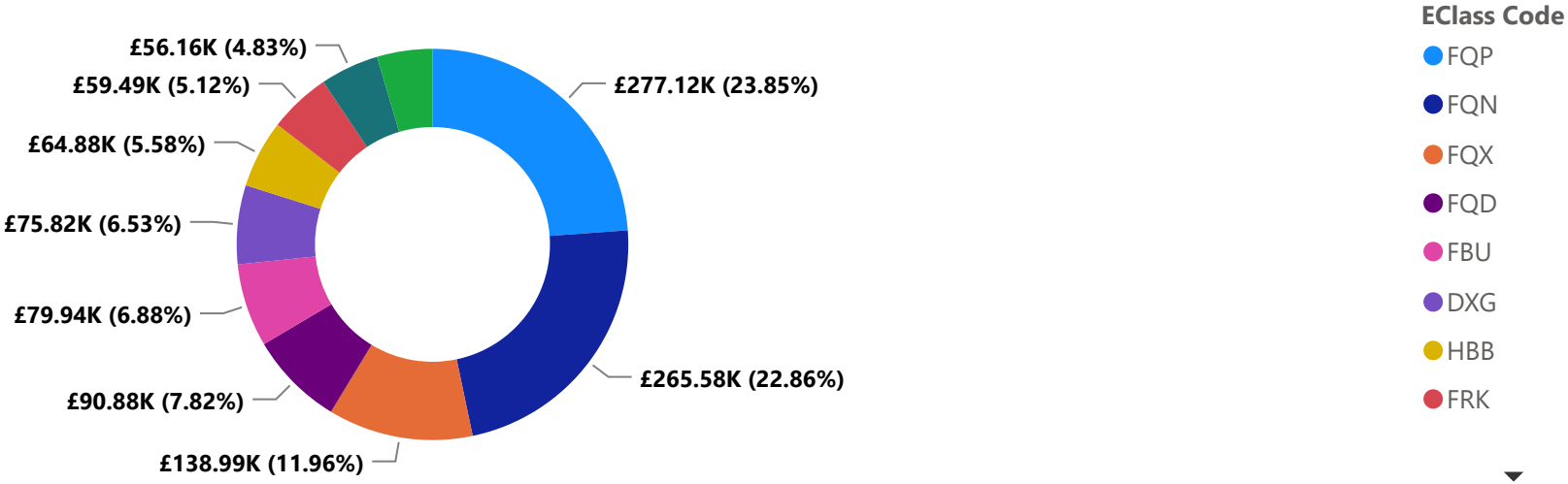
Top Spend for each Requisition number

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FBY	Lease of medical & surgical equipment	52795	£668,860.92
FBY	Lease of medical & surgical equipment	53222	£618,992.36
FQD	Pacemakers	46077	£410,499.48
FQD	Pacemakers	52068	£370,180.00
JAX	Imaging equipment maintenance	47007	£350,650.33
FBY	Lease of medical & surgical equipment	53210	£310,699.48
FYY	Medical & Surgical Equipment Maintenance & cleaning	48786	£244,974.42
WAC	PCs Integrated Systems	44632	£227,183.34
ZMF	Management Consultancy Management	43240	£197,600.00
ZMF	Management Consultancy Management	42594	£182,000.00
KBX	Laboratory & Pathology Apparatus maintenance	41298	£173,169.40
WAC	PCs Integrated Systems	64253	£151,255.56
ZMF	Management Consultancy Management	49796	£127,500.00
KBD	Laboratory & Pathology other consumables	43142	£111,865.44
FBY	Lease of medical & surgical equipment	44982	£108,725.96
FYY	Medical & Surgical Equipment Maintenance & cleaning	50554	£96,600.00
WJB	Books Publications Posters Electronic Books	47505	£90,000.00
PZP	Estates Services	41075	£88,650.00
ZMF	Management Consultancy Management	48536	£84,500.00
ZMF	Management Consultancy Management	48538	£84,500.00
ZWA	Recruitment Agency Fees	44827	£84,000.00
ZMF	Management Consultancy Management	45005	£79,250.00
FYY	Medical & Surgical Equipment Maintenance &	44460	£76,937.50
Total			£14,387,437.87

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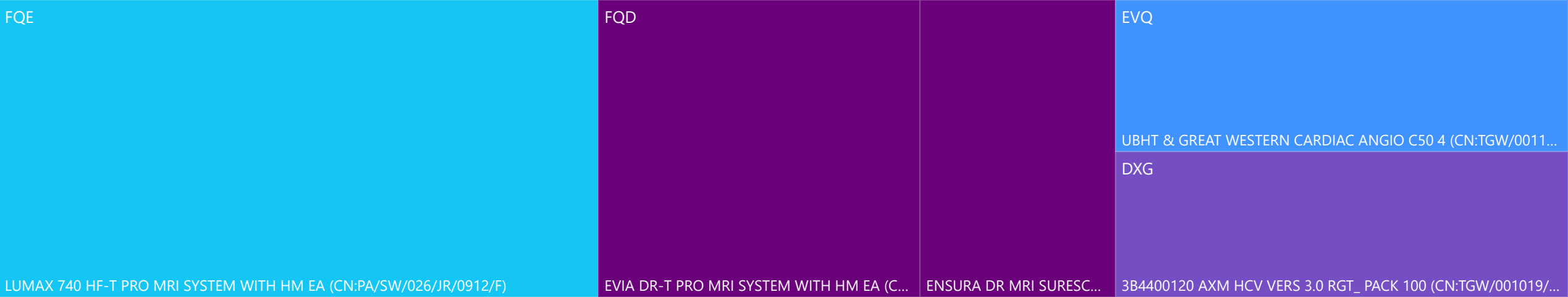
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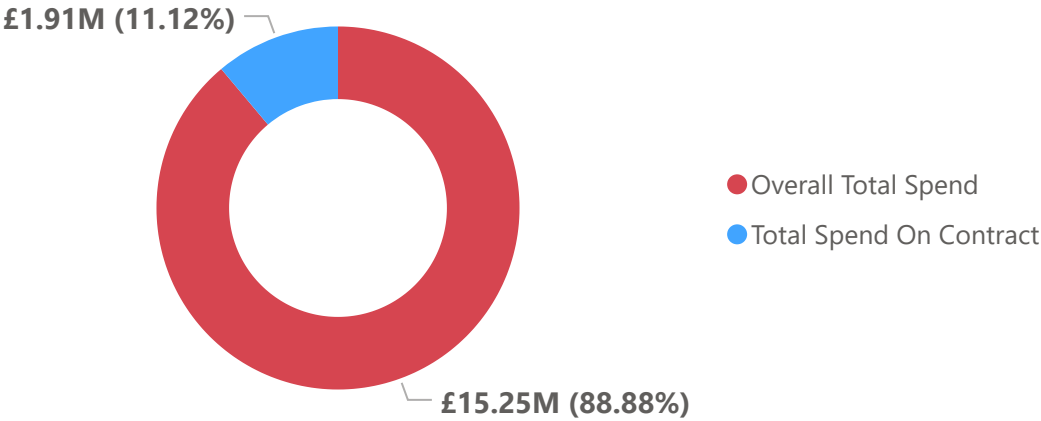
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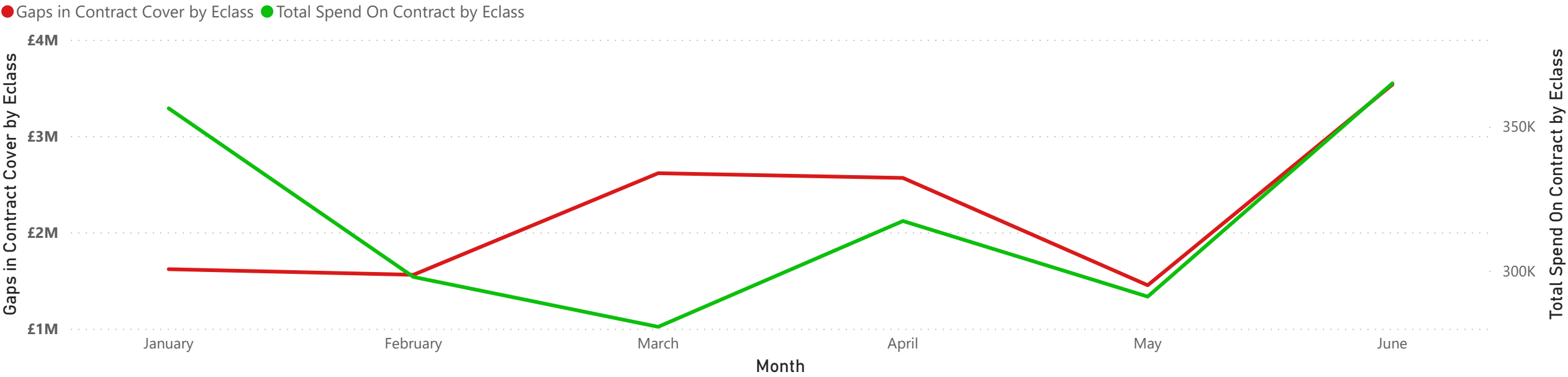
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Top spend by eClass Category for each requisition point

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FYY	Medical & Surgical Equipment Maintenance & cleaning	50554	£96,600.00
WJB	Books Publications Posters Electronic Books	47505	£90,000.00
PZP	Estates Services	41075	£88,650.00
ZMF	Management Consultancy Management	48536	£84,500.00
ZMF	Management Consultancy Management	48538	£84,500.00
ZWA	Recruitment Agency Fees	44827	£84,000.00
ZMF	Management Consultancy Management	45005	£79,250.00
FYY	Medical & Surgical Equipment Maintenance &	44460	£76,937.50
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