Testing Summary - VITAMIN D

Previous 'overall' summary data earlier in this report shows the total number of tests done, including those for "Low Volume Practices" where either you are not the primary provider, or their volume is below the expected threshold sufficiently to skew the data.
The following analyses for VITAMIN D testing exclude Low Volume Practices.

VITAMIN D Test Volume - Most Recent 12 Months

Total Tests Done in the Most Recent 12 Months:	73,598
% Change vs Previous 12 Months:	+25.5%

VITAMIN D Test Volume - Most Recent Quarter

Total Tests Done in the Most Recent Quarter:	20,057
% Change vs Previous Quarter:	+14.8%
% Change vs Equivalent Quarter Last Year:	+19.4%

VITAMIN D Forecast Volume (Based on Trend Analysis)

Forecast Volume for Next 12 Months:	87,281
Forecast % Change Over Coming 12 Months:	+18.6%

VITAMIN D Tests per 1,000 Patients

Overall Tests per 1,000 Patients (Latest 12m):	56.4
Your Test Rate Relative to Similar Peers:	**High**

Variability in Test Rate per 1,000 Patients

The following data show the range in test rate per 1,000 population across practices to which you are the primary provider of tests.

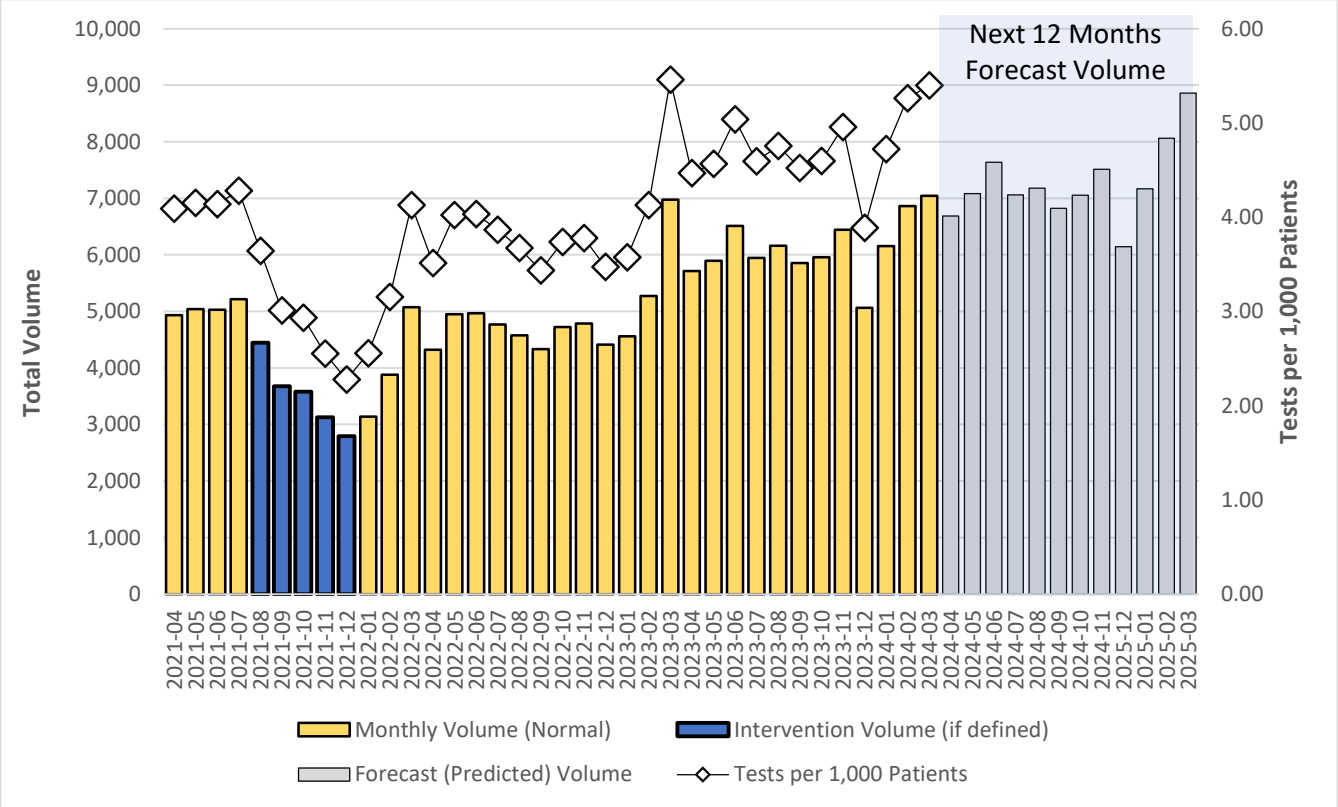
Highest:	150.5
Highest Decile:	84.6
Highest Quartile:	70.8
Median:	57.1
Lowest Quartile:	43.9
Lowest Decile:	31.3
Lowest:	2.5

Variability data below shows the difference between points in the range given above.
These are expressed as, for example 2.0x, meaning a 2.0-fold variation between the lowest and highest points in the given range.
Demographics factors such as deprivation, age profile and ethnicity will impact variability differently for each test, however excess variation is often unwarranted and should perhaps be questioned and/or analysed in further detail.

Variability Between Lowest and Highest:	60.9x
Variability Between Lowest and Highest Decile:	2.7x
Variability Between Lowest and Highest Quartile:	1.6x

(Please note: variability cannot be counted where a value is zero, in which case will show NA)

Monthly Volume - Latest 36 Months plus Forecast - VITAMIN D



	Latest 12 Months	Latest Quarter	Latest Month
Test Volume - VITAMIN D	73,598	20,057	7,045
% Difference vs Previous	+25.5%	+14.8%	+2.7%
Actual Difference (Tests) vs Previous	+14,957	+2,592	+185
% Difference vs Equivalent Last Year		+19.4%	+1.0%
Actual Difference (Tests) vs Equivalent Last Year		+3,253	+71

If you have identified an intervention for this test to us, then the following table will calculate the impact of that intervention in terms of change in volume, and where we have cost data for this test, a cost savings value (both of which are represented as Month-on-Month (MoM) and Year-on-Year (YoY) savings).

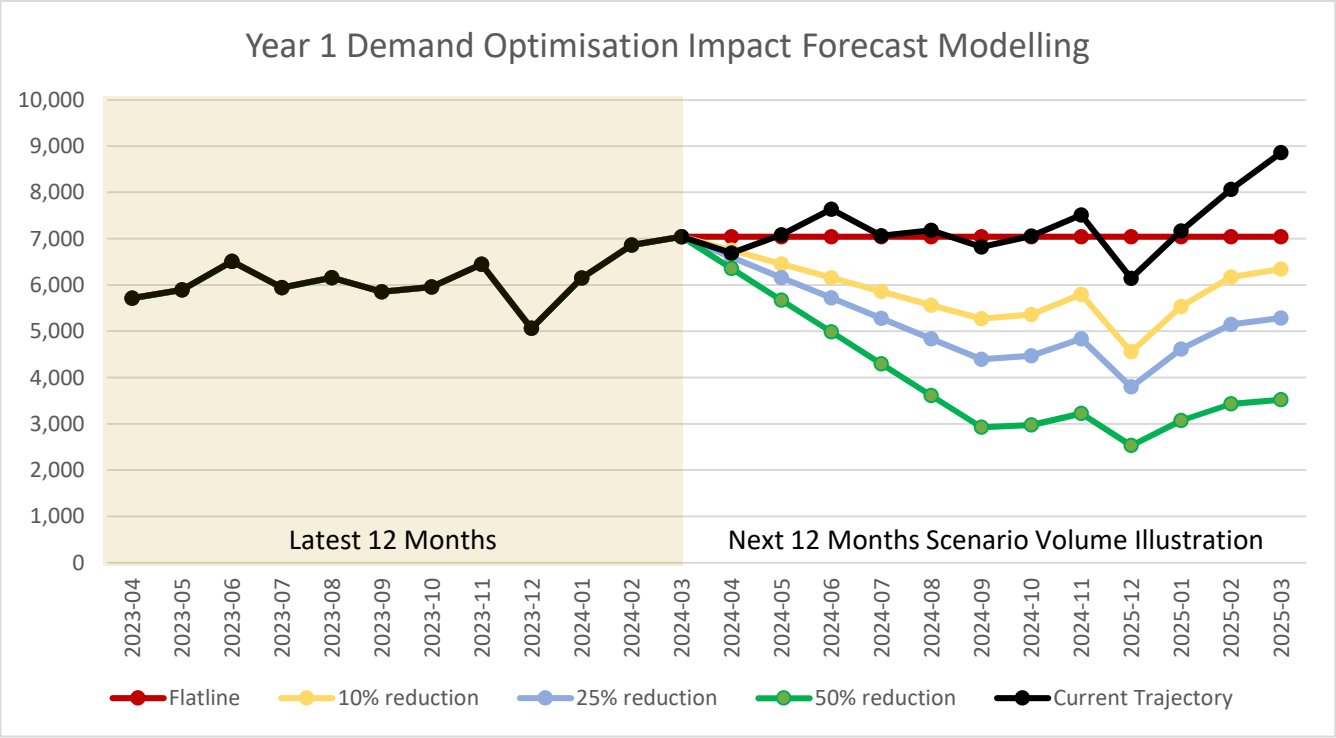
	Volume During Intervention	Volume Outside Intervention	MoM/YoY Difference (Tests)	MoM/YoY Difference (Cost*)
Average Monthly Volume	3,295	5,081	-1,786	-£7,144
Indicative Annual Volume	39,540	60,972	-21,432	-£85,728

** Using a cost per test of: £4.00*

(Based on average cost to GPs nationally for this test according to TBP data, unless an alternative figure has been specifically provided to us by your organisation)

Y1 Demand Optimisation Impact Forecasting - VITAMIN D

The following analyses show calculations of what might happen with workload volume over the coming 12 months, based on a variety of different scenarios.
The chart shows current monthly volume, followed by the forecast volume shown on the previous page, as a solid black line on the chart. Different scenarios are then included for each of the next 12 months, including "Flatline", ie volume remaining identical to the most recent month, and the impact that different demand optimisation interventions might have (classified by the eventual year-on-year savings target).
Forecasts for demand optimisation interventions include a 6 months period for the intervention to establish itself, which we consider to be 'typical' based on our experience of supporting numerous demand strategy implementation programmes in pathology over the years.
Cost savings in £ will also be included for tests where we have a national average cost to GPs within our dataset, or have been provided with a specific figure for this test by your organisation.



Year One Forecast Impact of Demand Optimisation Intervention

	Calculated Volume - 04/2024 to 03/2025	% Difference vs Latest 12 Months	Difference (Number of Tests)	Change in Cost (Based on £4.00 per test)
Same volume as current year	73,598	0	0	£0
Forecast volume based on trend	87,281	+18.6%	+13,683	+£54,731
Flatline vol from 03/2024 onwards	84,540	+14.9%	+10,942	+£43,768
10% reduction intervention*	69,825	-5.1%	-3,773	-£15,092
25% reduction intervention*	61,123	-17.0%	-12,475	-£49,900
50% reduction intervention*	46,619	-36.7%	-26,979	-£107,916

**Including 6 month period of intervention 'establishment' post-implementation*

Year-on-Year Impact Forecasting - VITAMIN D

The following table calculates potential changes in both test volume and, where we have a cost figure for this test, a cost saving, expressed as a year-on-year change (ie a longer-term calculation once the initial six month 'establishment' period has taken place).
Our calculations compare reduction in volume within each category against test volume for the most recent 12 months to establish a baseline of how much could be saved vs your current position.
However, for most tests, volume for the next 12 months is unlikely to be the same as the most recent.
We have therefore also provided calculations for changes in workload against a more realistic position for the upcoming 12 months without intervention, using two different baselines. The first is against the "Flatline", ie if volume for each of the upcoming 12 months was the same as the volume for the most recent month. For tests which are increasing year-on-year this will provide a conservative estimate of potential real-world savings.
The second calculation compares a reduction in volume of the latest 12 months for each category against the forecasted trend data presented in previous pages. In other words, comparing the potential impact of a demand optimisation intervention against what is likely to happen to workload volume should nothing change over the coming 12 months, to give a more realistic forecast of the actual real-world savings that could be made through a successful demand optimisation intervention.

	Reduction In:	Vs Latest 12 Months *(Savings vs Current)*	Vs "Flatline" *(Conservative Baseline)*	Vs Forecasted Volume *(Real-World Saving)*
10% reduction intervention	Test Volume	7,360	18,302	21,043
	Cost (Saving)	**£29,440**	**£73,208**	**£84,171**
25% reduction intervention	Test Volume	18,400	29,342	32,083
	Cost (Saving)	**£73,600**	**£117,368**	**£128,331**
50% reduction intervention	Test Volume	36,799	47,741	50,482
	Cost (Saving)	**£147,196**	**£190,964**	**£201,927**

Which figure you choose to use depends on a number of factors.

First, you must decide which level of volume change best represents the likely outcome of your specific demand optimisation strategy. This will depend on many factors, including the type of intervention being implemented, the expected levels of engagement, and the realistic scope for change in this particular test.

Finally, you must choose which comparison you feel is most appropriate, and this will depend on how you intend to use the information. For example, if calculating a saving against current budget position, then "Vs Latest 12 Months" will be the most appropriate comparison. However, if looking at projected spend and/or resource requirements for the coming 12 months, then "Vs Flatline" or "Vs Forecasted Volume" will provide better information.

Whilst it's great to see "the art of the possible", we would always recommend a conservative approach to gauging potential success of your demand optimisation strategy.

Highest 25 Practices for Total Volume - Latest 12 Months

VITAMIN D

The highest 25 practices for total volume of VITAMIN D are shown below.
A selection of relevant demographic comparators have also been included for context.

		Total Tests	Tests per 1,000	% 65+	% in Most Deprived Quintile	% in Least Deprived Quintile	% Defined as "Not White"*
1	ANONYMISED	3,565	61.4	22.4%	0.0%	57.8%	16.9%
2	ANONYMISED	2,604	50.9	14.8%	4.6%	9.7%	28.2%
3	ANONYMISED	2,092	118.0	23.9%	0.0%	46.1%	5.7%
4	ANONYMISED	1,878	150.5	18.2%	0.0%	3.2%	5.3%
5	ANONYMISED	1,540	101.2	25.2%	0.6%	40.8%	11.8%
6	ANONYMISED	1,459	62.2	14.3%	6.8%	16.3%	28.6%
7	ANONYMISED	1,421	59.3	15.7%	0.0%	13.2%	9.3%
8	ANONYMISED	1,167	80.2	13.3%	0.7%	19.6%	26.2%
9	ANONYMISED	1,117	51.8	16.5%	7.2%	18.3%	20.5%
10	ANONYMISED	1,096	51.2	21.4%	0.0%	26.9%	5.9%
11	ANONYMISED	1,090	84.9	20.1%	0.0%	54.9%	11.2%
12	ANONYMISED	1,082	89.5	21.3%	0.0%	0.6%	5.6%
13	ANONYMISED	1,078	47.4	12.3%	0.0%	54.4%	26.3%
14	ANONYMISED	1,057	74.2	14.0%	0.0%	16.1%	23.8%
15	ANONYMISED	1,045	57.5	16.1%	7.5%	37.4%	25.9%
16	ANONYMISED	1,020	48.3	6.3%	0.0%	31.7%	40.0%
17	ANONYMISED	960	72.6	5.8%	0.0%	45.5%	32.5%
18	ANONYMISED	932	56.0	12.2%	0.0%	51.7%	21.6%
19	ANONYMISED	903	64.2	21.0%	4.7%	42.5%	28.9%
20	ANONYMISED	891	65.0	19.0%	0.0%	31.3%	7.9%
21	ANONYMISED	884	55.7	18.1%	0.0%	37.9%	13.0%
22	ANONYMISED	877	43.7	21.8%	0.0%	47.5%	13.1%
23	ANONYMISED	868	75.6	21.7%	0.0%	39.8%	12.5%
24	ANONYMISED	865	108.8	13.0%	23.1%	1.3%	18.2%
25	ANONYMISED	861	69.7	13.5%	4.1%	23.7%	18.5%

*as defined in ethnicity dataset

Lowest 25 Practices for Total Volume - Latest 12 Months

VITAMIN D

The highest 25 practices for total volume of VITAMIN D are shown below.
This excludes practices defined specifically as "Low Volume Practices" earlier in this report.
A selection of relevant demographic comparators have also been included for context.

		Total Tests	Tests per 1,000	% 65+	% in Most Deprived Quintile	% in Least Deprived Quintile	% Defined as "Not White"*
107	ANONYMISED	33	2.5	19.9%	0.0%	25.2%	10.7%
106	ANONYMISED	34	45.8	6.2%	14.3%	14.3%	45.5%
105	ANONYMISED	44	6.2	17.1%	0.0%	80.9%	13.0%
104	ANONYMISED	45	4.3	20.4%	4.3%	12.8%	17.1%
103	ANONYMISED	97	4.4	18.8%	0.0%	24.1%	11.0%
102	ANONYMISED	121					
101	ANONYMISED	125	12.4	18.6%	0.0%	26.5%	11.4%
100	ANONYMISED	149	49.8	21.5%	3.8%	38.5%	7.4%
99	ANONYMISED	180	35.6	22.6%	0.0%	35.9%	6.3%
98	ANONYMISED	196	36.0	16.0%	3.5%	5.3%	23.9%
97	ANONYMISED	210	26.8	18.7%	0.0%	24.3%	10.7%
96	ANONYMISED	231	61.1	16.9%	NA	NA	NA
95	ANONYMISED	244	31.4	24.2%	0.0%	18.5%	8.9%
94	ANONYMISED	248	18.8	22.1%	0.8%	58.5%	14.3%
93	ANONYMISED	250	51.3	27.6%	1.9%	60.4%	4.9%
92	ANONYMISED	262	51.7	18.9%	0.0%	28.2%	17.0%
91	ANONYMISED	290	31.3	21.6%	0.0%	60.5%	11.1%
90	ANONYMISED	293	84.2	17.4%	0.0%	69.0%	6.7%
89	ANONYMISED	294	25.6	7.1%	4.5%	59.1%	34.4%
88	ANONYMISED	333	43.2	9.2%	0.0%	16.3%	12.0%
87	ANONYMISED	343	45.5	24.6%	0.0%	44.3%	7.5%
86	ANONYMISED	352	35.4	18.4%	0.0%	27.5%	24.5%
85	ANONYMISED	386	56.9	21.0%	0.0%	89.7%	12.1%
84	ANONYMISED	389	37.4	14.0%	0.0%	10.5%	29.4%
83	ANONYMISED	391	58.1	11.3%	23.2%	1.4%	42.1%

*as defined in ethnicity dataset

Highest 25 Practices for Tests per 1,000 Patients - Latest 12 Months

VITAMIN D

The highest 25 practices for VITAMIN D tests per 1,000 registered patients are shown below.
A selection of relevant demographic comparators have also been included for context.

		Total Tests	Tests per 1,000	% 65+	% in Most Deprived Quintile	% in Least Deprived Quintile	% Defined as "Not White"*
1	ANONYMISED	1,878	150.5	18.2%	0.0%	3.2%	5.3%
2	ANONYMISED	550	134.0	17.3%	0.0%	96.8%	21.2%
3	ANONYMISED	684	129.0	21.8%	0.0%	33.9%	8.7%
4	ANONYMISED	763	128.3	16.5%	0.0%	38.3%	12.5%
5	ANONYMISED	2,092	118.0	23.9%	0.0%	46.1%	5.7%
6	ANONYMISED	865	108.8	13.0%	23.1%	1.3%	18.2%
7	ANONYMISED	704	105.4	NA	6.3%	23.8%	29.7%
8	ANONYMISED	1,540	101.2	25.2%	0.6%	40.8%	11.8%
9	ANONYMISED	1,082	89.5	21.3%	0.0%	0.6%	5.6%
10	ANONYMISED	722	88.8	14.7%	5.7%	10.3%	31.6%
11	ANONYMISED	1,090	84.9	20.1%	0.0%	54.9%	11.2%
12	ANONYMISED	293	84.2	17.4%	0.0%	69.0%	6.7%
13	ANONYMISED	482	82.3	26.5%	0.0%	15.0%	11.3%
14	ANONYMISED	620	82.1	17.4%	0.0%	69.0%	12.5%
15	ANONYMISED	401	81.4	22.1%	0.0%	81.6%	8.9%
16	ANONYMISED	1,167	80.2	13.3%	0.7%	19.6%	26.2%
17	ANONYMISED	576	79.3	25.5%	0.0%	69.1%	5.3%
18	ANONYMISED	744	79.2	25.7%	0.0%	90.9%	18.6%
19	ANONYMISED	776	77.0	15.7%	1.0%	30.1%	30.1%
20	ANONYMISED	837	76.7	22.7%	0.0%	54.9%	8.6%
21	ANONYMISED	868	75.6	21.7%	0.0%	39.8%	12.5%
22	ANONYMISED	638	75.5	22.6%	0.0%	52.6%	12.4%
23	ANONYMISED	760	74.6	24.0%	0.0%	50.5%	7.0%
24	ANONYMISED	1,057	74.2	14.0%	0.0%	16.1%	23.8%
25	ANONYMISED	844	74.1	22.5%	6.5%	10.8%	32.9%

*as defined in ethnicity dataset

Lowest 25 Practices for Tests per 1,000 Patients - Latest 12 Months

VITAMIN D

The lowest 25 practices for VITAMIN D tests per 1,000 registered patients are shown below.
This excludes practices defined specifically as "Low Volume Practices" earlier in this report.
A selection of relevant demographic comparators have also been included for context.

		Total Tests	Tests per 1,000	% 65+	% in Most Deprived Quintile	% in Least Deprived Quintile	% Defined as "Not White"*
106	ANONYMISED	33	2.5	19.9%	0.0%	25.2%	10.7%
105	ANONYMISED	45	4.3	20.4%	4.3%	12.8%	17.1%
104	ANONYMISED	97	4.4	18.8%	0.0%	24.1%	11.0%
103	ANONYMISED	44	6.2	17.1%	0.0%	80.9%	13.0%
102	ANONYMISED	125	12.4	18.6%	0.0%	26.5%	11.4%
101	ANONYMISED	248	18.8	22.1%	0.8%	58.5%	14.3%
100	ANONYMISED	294	25.6	7.1%	4.5%	59.1%	34.4%
99	ANONYMISED	210	26.8	18.7%	0.0%	24.3%	10.7%
98	ANONYMISED	399	28.6	11.0%	1.8%	49.1%	25.0%
97	ANONYMISED	670	29.9	8.4%	1.2%	28.6%	25.8%
96	ANONYMISED	290	31.3	21.6%	0.0%	60.5%	11.1%
95	ANONYMISED	244	31.4	24.2%	0.0%	18.5%	8.9%
94	ANONYMISED	445	33.5	19.9%	2.3%	34.9%	11.0%
93	ANONYMISED	673	34.0	16.1%	0.0%	38.3%	15.3%
92	ANONYMISED	470	35.3	16.2%	8.1%	5.0%	20.0%
91	ANONYMISED	352	35.4	18.4%	0.0%	27.5%	24.5%
90	ANONYMISED	180	35.6	22.6%	0.0%	35.9%	6.3%
89	ANONYMISED	567	35.9	17.2%	0.0%	45.7%	9.5%
88	ANONYMISED	196	36.0	16.0%	3.5%	5.3%	23.9%
87	ANONYMISED	695	36.9	18.8%	0.0%	45.2%	16.1%
86	ANONYMISED	389	37.4	14.0%	0.0%	10.5%	29.4%
85	ANONYMISED	629	38.4	9.4%	0.0%	75.0%	21.3%
84	ANONYMISED	489	41.9	12.9%	0.0%	48.1%	16.0%
83	ANONYMISED	529	42.0	18.2%	0.0%	54.1%	16.3%
82	ANONYMISED	333	43.2	9.2%	0.0%	16.3%	12.0%

*as defined in ethnicity dataset