

Top 30 Tests with Increased Volume of 10% or More Over Previous Year

Lab Name	Test Name	YOY Percent Change	Explanation for >10% Increase
FOUNTAIN ED LABORATORY	POCT HCG URINE	13.1%	Volume Increase
FOUNTAIN ED LABORATORY	POCT CBC W/AUTODIFF FREDs	233.6%	Volume Increase
GH LAB	LIPASE	13.4%	Growth, hospital now 2 years old
GH LAB	TROPONIN I	18.2%	Growth, hospital now 2 years old
GH LAB	TSH REFLEX	19.0%	Growth, hospital now 2 years old
GH LAB	DRUGS OF ABUSE SCREEN MEDTOX	19.7%	Growth, hospital now 2 years old
GH LAB	BASIC METABOLIC PANEL N	20.5%	Growth, hospital now 2 years old
GH LAB	POCT GLUCOSE GH	20.9%	Growth, hospital now 2 years old
GH LAB	POCT TROPONIN I GH	21.8%	Growth, hospital now 2 years old
GH LAB	LIPID PANEL N	22.8%	Growth, hospital now 2 years old
GH LAB	CBC WITH AUTODIFF, MANUAL IF AUTO FAILS (NORTH WAM)	24.5%	Growth, hospital now 2 years old
GH LAB	PSA TOTAL N NEW	25.1%	Growth, hospital now 2 years old
GH LAB	ERYTHROCYTE SEDIMENTATION RATE	26.9%	Growth, hospital now 2 years old
GH LAB	T4 FREE	27.0%	Growth, hospital now 2 years old
GH LAB	COMPLETE METABOLIC PANEL N	28.1%	Growth, hospital now 2 years old
GH LAB	TSH (NORTH, SOUTH)	29.7%	Growth, hospital now 2 years old
GH LAB	URINALYSIS, MICROSCOPIC ONLY (NORTH)	29.8%	Growth, hospital now 2 years old
GH LAB	HEPATIC FUNCTION PANEL	30.5%	Growth, hospital now 2 years old
GH LAB	VITAMIN D25 HYDROXY	31.4%	Growth, hospital now 2 years old
GH LAB	CRP	31.4%	Growth, hospital now 2 years old
GH LAB	PROTHROMBIN TIME (PT) AND INR (NORTH)	32.3%	Growth, hospital now 2 years old
GH LAB	CBC (NORTH)	32.7%	Growth, hospital now 2 years old
GH LAB	POCT RAPID URINE HCG GH	34.0%	Growth, hospital now 2 years old
GH LAB	URINALYSIS, REFLEX MICROSCOPIC (NORTH)	37.3%	Growth, hospital now 2 years old
GH LAB	MAGNESIUM	37.4%	Growth, hospital now 2 years old
GH LAB	CBC, ONCOLOGY (NORTH WAM)	39.2%	Growth, hospital now 2 years old
GH LAB	FERRITIN	46.4%	Growth, hospital now 2 years old
GH LAB	PHOSPHORUS	49.1%	Growth, hospital now 2 years old
GH LAB	IRON PANEL N	50.5%	Growth, hospital now 2 years old
GH LAB	POCT PT/INR GH	158.8%	Growth, hospital now 2 years old
GRANDVIEW HOSPITAL LABORATORY	BASIC METABOLIC PANEL (CENTRAL, SOUTH)	47.6%	On list of recommended tests for post-COVID evaluation.
HARMONY CANCER CENTER LAB	LDH	16.9%	Growth with Oncology service line
HARMONY CANCER CENTER LAB	URIC ACID	26.7%	Growth with Oncology service line
HARMONY LAB	C4 COMPLEMENT	10.8%	Growth
HARMONY LAB	CEA N	10.8%	Growth
HARMONY LAB	C3 N	11.8%	Growth
HARMONY LAB	CBC WITH AUTODIFF, MANUAL IF AUTO FAILS (NORTH)	11.8%	Growth
HARMONY LAB	COMPLETE METABOLIC PANEL N	14.6%	Growth
HARMONY LAB	IG PANEL GAM	15.1%	Growth
HARMONY LAB	IRON PANEL N	15.1%	Growth
HARMONY LAB	MAGNESIUM	17.1%	Growth
HARMONY LAB	PSA TOTAL N NEW	17.9%	Growth
HARMONY LAB	VITAMIN D25 HYDROXY	18.5%	Growth
HARMONY LAB	T4 FREE	18.6%	Growth
HARMONY LAB	TSH (NORTH, SOUTH)	18.8%	Growth
HARMONY LAB	FERRITIN	20.4%	Growth
HARMONY LAB	LIPID PANEL N	23.3%	Growth
HARMONY LAB	CCP AB N	26.7%	Growth
HARMONY LAB	SS-B ANTIBODY QUANT	27.4%	Growth
HARMONY LAB	SS-A ANTIBODY QUANT	28.2%	Growth
HARMONY LAB	TSH REFLEX	28.5%	Growth
HARMONY LAB	ANA SCREEN N	28.9%	Growth
HARMONY LAB	VITAMIN B12	34.4%	Growth
HARMONY LAB	POCT PT/INR NOCO YVMC	69.1%	Growth
HARMONY LAB	TREPONEMA ANTIBODIES N	114.4%	Growth
HRH LAB	POCT GLUCOSE HRH	25.3%	Growth - Hospital <3years old
HRH LAB	PROTHROMBIN TIME (PT) AND INR	41.0%	Growth - Hospital <3years old
HRH LAB	CBC (CENTRAL)	56.9%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	CEA N	60.3%	Growth - Hospital <3years old
HRH LAB	MAGNESIUM	65.8%	Growth - Hospital <3years old
HRH LAB	POCT RAPID URINE HCG HRH	66.0%	Growth - Hospital <3years old
HRH LAB	URINALYSIS, REFLEX MICROSCOPIC (CENTRAL)	70.7%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	LIPASE	77.7%	Growth - Hospital <3years old
HRH LAB	PHOSPHORUS	88.6%	Growth - Hospital <3years old
HRH LAB	TROPONIN I	95.0%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	CBC WITH AUTODIFF, NO MANUAL DIFF (CENTRAL)	107.1%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	HEPATIC FUNCTION PANEL	116.2%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	URINALYSIS, COMPLETE (UCH LAB)	117.9%	Growth - On list of recommended tests for post-COVID evaluation.

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Lab Name	Test Name	YOY Percent Change	Explanation for >10% Increase
HRH LAB	COMPLETE METABOLIC PANEL N	120.8%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	BASIC METABOLIC PANEL N	132.4%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	T4 FREE	144.0%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	TSH (NORTH, SOUTH)	161.1%	Growth - On list of recommended tests for post-COVID evaluation.
HRH LAB	PSA TOTAL N NEW	229.5%	Growth - Hospital <3years old
HRH LAB	LIPID PANEL N	245.3%	Growth - Hospital <3years old
LONE TREE HC LAB	COMPLETE METABOLIC PANEL (CENTRAL, SOUTH)	11.2%	Partial year clinic closures during FY20
LONE TREE HC LAB	CBC (CENTRAL)	11.3%	Partial year clinic closures during FY20
LONE TREE HC LAB	CBC WITH AUTODIFF, NO MANUAL DIFF (CENTRAL)	12.1%	Partial year clinic closures during FY20
LONE TREE HC LAB	LIPID PANEL	24.7%	Partial year clinic closures during FY20
LONGMONT LABORATORY	VITAMIN D25 HYDROXY	11.3%	Partial year clinic closures during FY20; on list of recommended tests for post-COVID evaluation.
LONGMONT LABORATORY	TSH REFLEX	16.6%	Partial year clinic closures during FY20; on list of recommended tests for post-COVID evaluation.
LONGMONT LABORATORY	INR	26.7%	Partial year clinic closures during FY20
LPH LABORATORY	FERRITIN	16.9%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	B12/FOLATE	17.6%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	CRP	20.8%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	PREGNANCY TEST, QUALITATIVE, SERUM	23.2%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	ETHANOL BLOOD	28.4%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	COMPLETE METABOLIC PANEL N	29.5%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	NT-PRO BNP	32.6%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	PROTHROMBIN TIME (PT) AND INR (NORTH)	32.6%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	BASIC METABOLIC PANEL N	35.1%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	URINALYSIS, REFLEX MICROSCOPIC (NORTH)	43.2%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	TSH (NORTH, SOUTH)	43.3%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	URINALYSIS, MICROSCOPIC ONLY (NORTH)	43.6%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	MAGNESIUM	46.7%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	TROPONIN I	53.6%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	LIPID PANEL N	64.0%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
LPH LABORATORY	CBC WITH AUTODIFF, MANUAL IF AUTO FAILS (LPH)	318.3%	Growth: ICU twofold expansion, increased clinic visits, 30 new providers
MCR LAB	BASIC METABOLIC PANEL N	11.8%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	PROTHROMBIN TIME (PT) AND INR (NORTH)	12.1%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	Kappa/Lambda Free Light Chains with Ratio, Serum N	13.2%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	T4 FREE	15.3%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	ERYTHROCYTE SEDIMENTATION RATE	16.4%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	CBC WITH AUTODIFF, MANUAL IF AUTO FAILS (NORTH)	18.0%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	IRON PANEL N	19.7%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	COMPLETE METABOLIC PANEL N	21.1%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	FERRITIN	21.3%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	RHEUMATOID FACTOR	23.2%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	BNP	23.3%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	CRP	23.5%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	PSA TOTAL N NEW	25.1%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	MAGNESIUM	25.2%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	TSH REFLEX	27.5%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	TSH (NORTH, SOUTH)	30.0%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	LIPID PANEL N	30.9%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	VITAMIN D25 HYDROXY	35.8%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	HEPATIC FUNCTION PANEL	39.9%	Growth, Greeley ED lab closed, volume coming to MCR
MCR LAB	POCT PT/INR NOCO YVMC	43.8%	Growth, Greeley ED lab closed, volume coming to MCR

Top 30 Tests with Increased Volume of 10% or More Over Previous Year

Lab Name	Test Name	YOY Percent Change	Explanation for >10% Increase
MEMORIAL CENTRAL BLOOD BANK LAB	TYPE AND SCREEN	18.0%	Increased surgical volume
MEMORIAL CENTRAL BLOOD BANK LAB	ABORH TYPING	40.9%	Increased surgical volume
MEMORIAL CENTRAL BLOOD BANK LAB	ANTIBODY SCREEN	42.0%	Increased surgical volume
MEMORIAL CENTRAL LAB	HIV 1/2 AB/AG SCREEN SOUTH/HRH	11.2%	Patient Population increase
MEMORIAL CENTRAL LAB	MAGNESIUM	14.9%	Increase in hospital/outpatient test volume
MEMORIAL CENTRAL LAB	PHOSPHORUS	18.7%	Increase in hospital/outpatient test volume
MEMORIAL CENTRAL LAB	COMPLETE METABOLIC PANEL (CENTRAL, SOUTH)	26.8%	On list of recommended tests for post-COVID evaluation.
MEMORIAL CENTRAL LAB	CRP	26.8%	On list of recommended tests for post-COVID evaluation.
MEMORIAL CENTRAL LAB	IRON PANEL S	29.1%	Increase in outpatient test volume (no employee health screens; Employees going to PCP)
MEMORIAL CENTRAL LAB	T4 FREE	32.1%	On list of recommended tests for post-COVID evaluation.
MEMORIAL CENTRAL LAB	TSH (NORTH, SOUTH)	35.3%	On list of recommended tests for post-COVID evaluation.
MEMORIAL CENTRAL LAB	FERRITIN	36.7%	On list of recommended tests for post-COVID evaluation.
MEMORIAL CENTRAL LAB	VITAMIN B12	46.6%	Memorial Central (MHC) is a backup to Memorial North (MHC). MHN had significant test downtime (Wells)
MEMORIAL CENTRAL LAB	LIPID PANEL	49.9%	Increase in outpatient test volume (no employee health screens; Employees going to PCP)
MEMORIAL CENTRAL LAB	COVID-2 IgG ORTHO	52.6%	New test; COVID-19 related. Many providers using to validate vaccine immune response.
MEMORIAL CENTRAL LAB	PSA TOTAL S NEW	52.8%	Memorial Central (MHC) is a backup to Memorial North (MHC). MHN had significant test downtime.
MEMORIAL CENTRAL LAB	ERYTHROCYTE SEDIMENTATION RATE	54.0%	Testing from Memorial North (MHN) diverted to Memorial Central (MHC) for 3 months due to equipment repair. Recent literature suggests using this test for COVID-19 evaluations (inflammation)
MEMORIAL CENTRAL LAB	TSH REFLEX	61.4%	On list of recommended tests for post-COVID evaluation.
MEMORIAL CENTRAL LAB	VITAMIN D25 HYDROXY	68.3%	On list of recommended tests for post-COVID evaluation.
MEMORIAL CENTRAL LAB	BASIC METABOLIC PANEL (CENTRAL, SOUTH)	71.7%	On list of recommended tests for post-COVID evaluation.
MEMORIAL CENTRAL LAB	DRUGS OF ABUSE SCREEN MEDTOX	145.6%	New test
MEMORIAL CENTRAL LAB	RESPIRATORY PCR PANEL (RP2.1) - MHC/MHN	310.5%	New test (COVID)
MEMORIAL NORTH BLOOD BANK LAB	TYPE AND SCREEN	42.6%	Increased surgical volume
MEMORIAL NORTH LAB	NEISSERIA GONORRHOEAE RNA	10.8%	Increased volume
MEMORIAL NORTH LAB	HEPATIC FUNCTION PANEL	11.2%	Increase in ED volume
MEMORIAL NORTH LAB	PREGNANCY TEST, QUALITATIVE, SERUM	12.8%	Increase in ED volume
MEMORIAL NORTH LAB	MAGNESIUM	14.3%	Increase in labor and delivery volume
MEMORIAL NORTH LAB	POCT TROPONIN-I MHS	18.7%	increased volume
MEMORIAL NORTH LAB	CRP	23.1%	On list of recommended tests for post-COVID evaluation.
MEMORIAL NORTH LAB	POCT RAPID URINE HCG CHCO	23.2%	Increased volume
MEMORIAL NORTH LAB	NT-PRO BNP	24.8%	On list of recommended tests for post-COVID evaluation.
MEMORIAL NORTH LAB	LDH	27.6%	On list of recommended tests for post-COVID evaluation.
MEMORIAL NORTH LAB	D DIMER QUANTITATIVE	33.4%	Common test for inpatient COVID positive patients
MEMORIAL NORTH LAB	MANUAL DIFFERENTIAL, RBC(SOUTH)(INTERFACED)	52.9%	Increase in oncology volume
MEMORIAL NORTH LAB	BASIC METABOLIC PANEL (CENTRAL, SOUTH)	75.8%	On list of recommended tests for post-COVID evaluation.
POWERS ED LABORATORY	POCT HCG URINE	22.4%	Increased volume
PPRH WOODLND PRK LAB	LIPASE	12.7%	Increased volume
PPRH WOODLND PRK LAB	TROPONIN I	19.7%	On list of recommended tests for post-COVID evaluation.
PPRH WOODLND PRK LAB	COMPLETE METABOLIC PANEL (CENTRAL, SOUTH)	25.0%	On list of recommended tests for post-COVID evaluation.
PPRH WOODLND PRK LAB	TSH REFLEX	26.6%	On list of recommended tests for post-COVID evaluation.
PPRH WOODLND PRK LAB	FAILS(WP)	31.2%	On list of recommended tests for post-COVID evaluation.
PPRH WOODLND PRK LAB	BASIC METABOLIC PANEL (CENTRAL, SOUTH)	35.0%	On list of recommended tests for post-COVID evaluation.
PPRH WOODLND PRK LAB	LIPID PANEL	47.3%	Increased volume
PPRH WOODLND PRK LAB	TSH (NORTH, SOUTH)	50.9%	On list of recommended tests for post-COVID evaluation.
PVH BLOOD BANK LAB	TYPE AND SCREEN	16.1%	Growth
PVH BLOOD BANK LAB	ABORH TYPING	21.9%	Growth
PVH GE BLD DONOR CTR LAB	THERAPEUTIC PHLEBOTOMY	20.1%	Growth
PVH LAB	HEPATITIS B SURFACE ANTIGEN NORTH	11.8%	Growth
PVH LAB	CBC (NORTH)	12.1%	Growth
PVH LAB	HEPATITIS B SURFACE ANTIBODY NORTH	12.3%	Growth
PVH LAB	COMPLETE METABOLIC PANEL N	12.8%	Growth
PVH LAB	ERYTHROCYTE SEDIMENTATION RATE	13.5%	Growth
PVH LAB	TSH REFLEX	13.9%	Growth
PVH LAB	TSH (NORTH, SOUTH)	16.2%	Growth
PVH LAB	B12/FOLATE	16.4%	Growth
PVH LAB	HEPATIC FUNCTION PANEL	16.5%	Growth
PVH LAB	CRP	18.9%	Growth
PVH LAB	PSA TOTAL N NEW	20.4%	Growth
PVH LAB	MAGNESIUM	21.2%	Growth
PVH LAB	LIPID PANEL N	22.0%	Growth

**UCHealth Laboratories
Test Utilization Monitor FY 2020/2021
Top 30 Tests with Increased Volume of 10% or More Over Previous Year**

Lab Name	Test Name	YOY Percent Change	Explanation for >10% Increase
PVH LAB	T4 FREE	23.1%	Growth
PVH LAB	FERRITIN	23.6%	Growth
PVH LAB	VITAMIN D25 HYDROXY	23.7%	Growth
PVH LAB	VITAMIN B12	33.8%	Growth
PVH LAB	COVID-2 IgG ORTHO	66.5%	Growth, new test with COVID
PVH LAB	C. TRACHOMATIS/N. GONORRHOEAE AMPLIFICATION	76.9%	Growth
PVH LAB	T3 FREE	105.0%	Growth
UCH LAB	FERRITIN	18.4%	On list of recommended tests for post-COVID evaluation.
UCH LAB	VITAMIN D25 HYDROXY	20.8%	On list of recommended tests for post-COVID evaluation.
UCH LAB	LIPID PANEL	22.6%	2020 volumes were decreased from 2019, possibly due to decreased testing compliance with telemedicine vs office visits during pandemic. 2021 volumes have rebounded.
UCH LAB	HEMOGLOBIN A1C (CENTRAL/SOUTH)	30.3%	2020 volumes were decreased from 2019, possibly due to decreased testing compliance with telemedicine vs office visits during pandemic. 2021 volumes have rebounded.
UCH LAB	HEPATITIS C ANTIBODY UCH/YVMC	32.5%	CDC recommendations for testing updated in 2020.
UCH LAB	BASIC METABOLIC PANEL (CENTRAL, SOUTH)	36.7%	On list of recommended tests for post-COVID evaluation.
UCH LAB	HB CELL SURFACE MARKER CHARGE (CPT 88185)(FLOW CYTOMETRY)	40.7%	First time in top 30. Number of markers tested can be variable.
UCH LAB	QFT GOLD PLUS	95.3%	Increase in new hires.
UCH LAB	COVID-2 IgG ABBOTT	96.1%	Full year of pandemic versus partial year in 2020, plus changes to testing protocols as pandemic rates increase.
UCH LAB	SARS COV2 NAAT (UCH/CCPM/CMOCO)	601.4%	Full year of pandemic versus partial year in 2020, plus changes to testing protocols as pandemic rates increase.
YVMC LABORATORY	TROPONIN I	11.5%	On list of recommended tests for post-COVID evaluation.
YVMC LABORATORY	PSA TOTAL YV	20.9%	On list of recommended tests for post-COVID evaluation.
YVMC LABORATORY	PSA TOTAL YV	22.3%	Increased testing from local urology office and Direct Access Testing.
YVMC LABORATORY	COMPLETE METABOLIC PANEL (YVMC)	23.1%	On list of recommended tests for post-COVID evaluation.
YVMC LABORATORY	TSH (NORTH, SOUTH)	25.7%	On list of recommended tests for post-COVID evaluation.
YVMC LABORATORY	T4 FREE	29.6%	On list of recommended tests for post-COVID evaluation.
YVMC LABORATORY	CRP	57.5%	On list of recommended tests for post-COVID evaluation.
YVMC LABORATORY	VITAMIN D25 HYDROXY	84.5%	On list of recommended tests for post-COVID evaluation.