

# DIGITAL VISION

## REPORTING

Archive Reporting, Station Analyzer, Auto Task, Breakage, Operator Maintenance, Lab Stats

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# POST BREAKAGE <2,8>



Post Breakage

F1: Post F4: Clear F6: Breakage Inquiry F7: Edit Lens F9: Job Note Configure

Tray/Invoice

Part Broken

Department

Position

Reason

Station

ID

Date 4/24/2024

Time 10:18:09 AM

Cost/Lens

Job Breakage History

Vendor

Ultimate Vendor

	MF	SZ	S/F	MAT	STYLE	Base/Sph	Cyl	Add	Col	Cot	Cost	QOH	Q00
Right Lens													
Left Lens													

# BREAKAGE LABEL (WSR)



## Update Workticket

- ◆ Designed in Forms Editor
- ◆ Test Breakage Label

**dvi** Post Breakage

F1: Post   F4: Clear   F6: Breakage Inquiry   F7: Edit Lens   F9: Job Note   **Configure**

Tray/Invoice	<input type="text" value="71758"/>	
Part Broken	<input type="text" value="R Right"/>	
Department	<input type="text" value="C : COATING"/>	<input type="text" value="C"/>
Position	<input type="text" value="01 WASH UP"/>	
Reason	<input type="text" value="01 DROPPED LENS"/>	
Station	<input type="text" value="030 SWIFT POLISHER"/>	
ID	<input type="text" value="AH"/>	<input type="text" value="AARON HAGEN"/>
Date	<input type="text" value="4/23/2024"/>	
Time	<input type="text" value="4:31:13 PM"/>	
Cost/lens	<input type="text"/>	

**Configure**

- Warn on x breakages
- Show vendor
- Print Breakage Label
- Station gives ID and Time
- Test Breakage Label



# STATION GIVES BREAKAGE TIME

Breakage time = Station time

Post Breakage

F1: Post F4: Clear F6: Breakage Inquiry F7: Edit Lens

Configure

Tray/Invoice 71758

Part Broken R Right

Department C: COATING

Position 01 WASH UP

Reason 01 DROPPED LENS

Station 025 TINTING

ID

Date 4/ 8/2024

Time 9:56:00 AM

Warn on x breakages

Show vendor

Print Breakage Label

Station gives ID and Time

Test Breakage Label

C

AARON HAGEN



# JOB NOTES



## Reportable Breakage Notes

Notes

Tray:     InvNum:     Reference:

LR (04/05 02:38PM)  
conflicting tint instructions, already waitin on call back so will call on mon if I don't hear anything  
-lee

LR (04/06 07:37AM)  
emailed -lee

# HOLD + MANY BREAKAGES WARNINGS (WSR)

dvi Post Breakage  
 F1: Post F4: Clear F6: Breakage Inquiry F7: Edit Lens F9: Job Note Configure

dvi Post Breakage  
 F1: Post F4: Clear

Number of breakages to warn on

OK Cancel

Tray/Invoice 7NF

Part Broken F

Department C

Breakages

Label

and Time

Label

	MF	SZ	S/F	MAT	STYLE	Base/Sph	Cyl	Add	Col	Cot	Cost	QOH	Q00
Right Lens	SH	75	S	H53	SV/N	4.25			CLR		6.61	1	0
Left Lens													

# BREAKAGE LINK TO SUBCON VENDOR (WSR)

Report Vendor at time of Breakage

F9: Job Note **Configure**

- Warn on x breakages
- Show vendor
- Print Breakage Label
- Station gives ID and Time
- Test Breakage Label

Breakage History

C

AARON HAGEN

Vendor SHAM

Ultimate Vendor

STYLE	Base/Sph	Cyl	Add	Col	Cot	Cost	QOH	Q00
AUTO III SV	3.50			X2G		0.00		

# CUSTOMIZED BREAKAGE REPORT <3,8,7>



Analyze machinery all stations

The screenshot displays a software interface for generating a customized breakage report. In the background, a grid is visible with a red highlight on one of the rows. The foreground features a dialog box titled "Analysis Parameters" with the following settings:

- Machine Group: None
- Available: COATING 12, COATING 13, COATING 14, COATING 2, COATING 3, COATING 4, COATING 5, COATING 6, COATING 7, COATING 8, COATING 9
- Material Breakdowns: A60, AIR, B50, B56, B60, B67, BLY, CRX, FSP, G, H32, H40
- Use Breakage Trace Station:

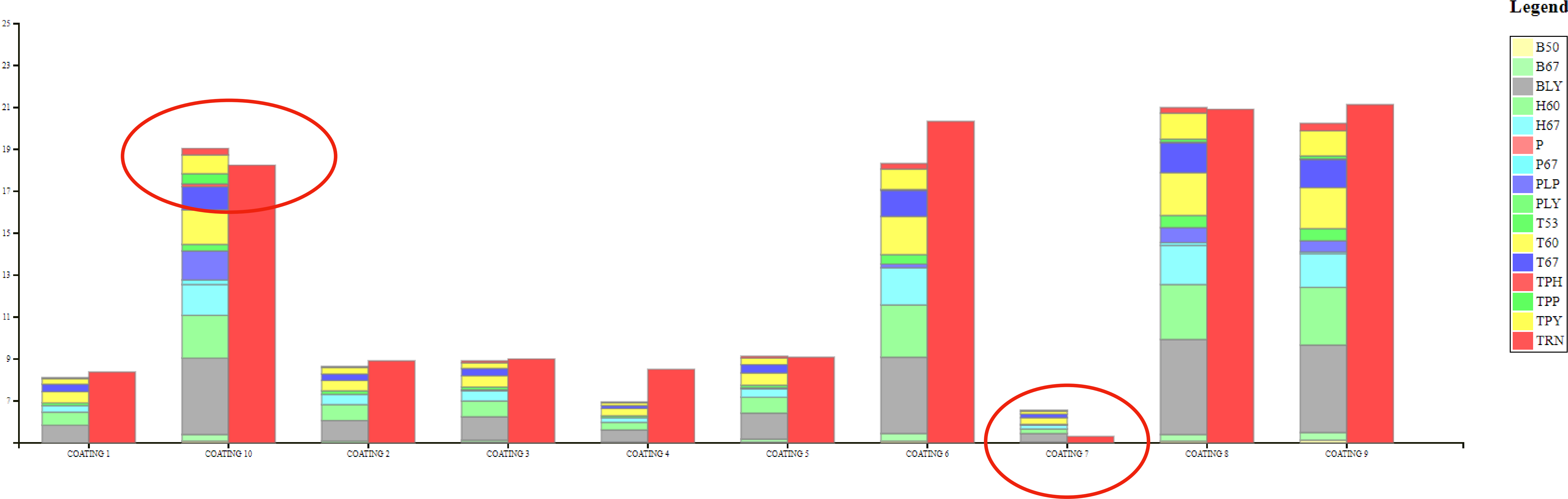
On the right side of the interface, a "Run Cycle Mode" section is highlighted with a red box. It includes a date range "From: 3/26/2024" and radio button options for "Daily", "Monthly" (selected), "Weekly", and "Custom". Below this, a table with a "Value" header is partially visible.



# ANALYZE MACHINERY BY BREAKAGE



None



For each device, jobs through device and broken (left) compared to jobs through device (right), as a percentage

# CYCLE TIME INTERVALS



Like standard reports

F6: Delete Report F8: Print Report View Report Analyze Run Cycle Mode

From:  To:

Daily  Monthly  Use Cycle Times

Weekly  Custom


Cols:  Catg:   Display Rx Data in Excel  Run at Cycling  Lock Report

# NEW REPORT OPTIONS (WSR)



Bill-to Account Division, Frame tracing origin, Rx Dept, Vendor, Ultimate Vendor

O	P	Q	R	S
Bill To Acct Division	Frame Tracing	Rx Dept	UltVendor	Vendor
PMP	G	R:DVIDIG /L:DVIDIG		
PART	Q	R:DVIDIG /L:DVIDIG		
NL	F	R:DVIDIG /L:DVIDIG		
PMP	G	R:DVIDIG /L:DVIDIG		
HOUS	G	R:DVIDIG /L:DVIDIG		PROV
PMP	G	R:POLY /L:POLY		
HOUS	G	R:DVIDIG /L:DVIDIG		DTEC
P GENL	Q	R:DVIDIG /L:DVIDIG		
PMP	G	R:PLASTIC /L:PLASTIC		

# UPDATE OPERATORS <5,6,1>

Auto-cleanup on deletion, breakage email turn-off



## dvi Operator List

F2:Save Changes F3:Add New Operator F4:Change Password F6:Delete Selected F8:Turn Menu Security ON F9:Turn Trace Menu Security OFF F10:Print F11:Export



Code	Full Name	Permission	Cycle Manager	Email Address	PO Auth	Last Login	Comb
@@	dvi	S	N	sp@thedvi.com ...		04/29/24	Y
AH	AARON HAGEN ...	S	N				Y
AM	ARMANDO MON...	S	N				Y
BB	BILL BALL	S	N			04/28/24	Y
BR	BRIAN BIGGS ...	S	N				Y
BY	BRANDY BOSNJ...	S	N				Y
CR	CHRIS RUMBAU...	S	N				Y
DE	DANIEL ELLIS ...	S	N				Y
DH	DOUG HAGEN ...	S	N				Y
DL	DAN LUNDBER...	S	N				Y
DR	DANNY REYES ...	S	N				Y
GG	GUY GOOSELA...	S	N				Y
GK	GORDON KEAN...	S	N				Y
JB	JOSH BINGENH...	S	N				Y
JK	JOHN KEANE ...	S	N				Y
JO	JOE CALLAHAN ...	S	N				Y
KC	KARA CECIL ...	S	N				Y
KE	KEVIN CHAN ...	S	N				Y
KK	KATHY KEANE ...	S	N				Y
LK	DB op		N				Y
NP	db op		N				Y
SA	STAN ARRIGOT...	S	N				Y
SP	SCOTT PRISBR...	S	N				Y
VA	VANESSA AMSP...	S	N				Y
YC	YVETTE CARPA...	S	N				Y

PrmBrkMail

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

# MENU PERMISSIONS VISIBILITY



Permissions key, Menu access report

dvi Operator List

F2:Save Changes F3:Add New Operator F4:Change Password F6>Delete Selected F8:Turn Menu Security OFF F9:Turn Trace Menu Security OFF

Code	Full Name	Permission
NB	Neil Brackenridge	1
JS	Jim Simpson	12
UI	Ulric Idle	123
@@	dvi	S
AH	AARON HAGEN	S
AM	ARMANDO MONTALBAN	S
BB	BILL BALL	S
BR	BRIAN BIGGS	S
BY	BRANDY BOSNJAK	S
CR	CHRIS RUMBAUGH	S
DE	DANIEL ELLIS	S

K:\vision\menu\_permissions.csv

Ctrl+A:Select All Ctrl+F:Find... F7:Print

Menu Item, Permission Levels

- RX PRODUCTION, 1
- WORK IN PROCESS, 1
- RX ENTRY - PRINT, 3
- 12. BILLING ENTRY - INVOICE PRINT, 2
- 21. DISPLAY WORK IN PROCESS, 2
- 24. PHONE LOG, 1234

# MENU ACCESS REPORT (WSR)



dvi Operator List

F2:Save Changes F3:Add New Operator F4:Change Password F6:Delete Selected F8:Turn Menu Security OFF F9:Turn Trace Menu Security OFF F10:Print F11:Export F12: Function-Based Permissions **Menu Access Report** Permissions Key

Code	Full Name	Mail	Hide Pa
@@	dvi		N
AH	AARON HAGE		Y
AM	ARMANDO MC		N

Menu	Operators
11	@@ AH AM BB BR BY CR DE DH DL DR GG GK JB JK JO KC KE
12	@@ AH AM BB BR BY CR DE DH DL DR GG GK JB JK JO JS KC

GK	GORDON KEA		N
JB	JOSH BINGEN		N
JK	JOHN KEANE		N
JO	JOE CALLAHA		N
JS	Jim Simpson		N
KC	KARA CECIL		N
KE	KEVIN CHAN		N
KK	KATHY KEANE		N
LK	DB op		N
NB	Neil Brackenric		N
NP	db op		N
SA	STAN ARRIGC		N
SP	SCOTT PRISB...		N
UI	Ulric Idle	123	N
VA	VANESSA AMSPACH...	S	N
YC	YVETTE CARRANZA...	S	N

OK
Cancel

# ARCHIVE REPORT WRITER

## ◆ Expanded Param Fields

- Specify Specific Field
  - RXFIELD (Entry Screen)
  - EYEFFIELD (Eyefinity Field)
- ORIGFIELD
  - Original Entry Data
- Right / Left
  - Various fields



Show Details only. No Totals and no Headings.	
Label	Break
Heading 1	Heading 2
Warning	
Srv Desc	
Rt Ins Sph	
Lt Ins Sph	
EYEF	Comment 1
Orig R SPH	
Orig L SPH	
Current	R SPHERE
Current	L SPHERE
Subcon to	Ship Time
Time job	Hit Statn
Time job	Hit Statn
Service	Function

# ARCHIVE REPORT WRITER



## New Fields

### ◆ PICKEDFIN

- Job originally picked finished lenses but SF was logged

### ◆ PRODSPAN [WSR]

- Time since param specified process and shipping (e.g. Blocking, surfacing, edging, sent to lab, etc..)

### ◆ TRACETIMEY

- Same as TRACETIME but includes 2 digit year and formatted for local date formatting

### ◆ SRVFUNC

- Use in formulas to include/exclude jobs with specific service code function



# STATION ANALYZER



- ◆ Used to mine tray tracking data
  - Average time at station
  - Identify jobs that went through station at specified time period
  - % of jobs that were fetched multiple times on machine

Station Analysis  
F1:Export F2:Copy Report F3:Add/Save Report F4:Job Detail F6:Clear Screen F7>Delete Report F8:Tray History Cycling

Report: SURFACE Description: Surface incoming Modified: 12/11/23 16:13:42 (CB)  
Created: 02/15/23 11:36:28 (RA)

Type: Edger Engraver Fin Blocker Generator Other Polisher Surf Blocker Tracers  
Station(s): 028 - GENERATOR 2 031 - GENERATOR  
Group By:  Style Type  Edge Type  Inventory Style  AR Coat  Material Dept  Scratch Coat  Material Code  Station  Lens Mfr  Day-of-Month  Digital Mfr  Time Setup...  Redo Status  Operator  Frame Material

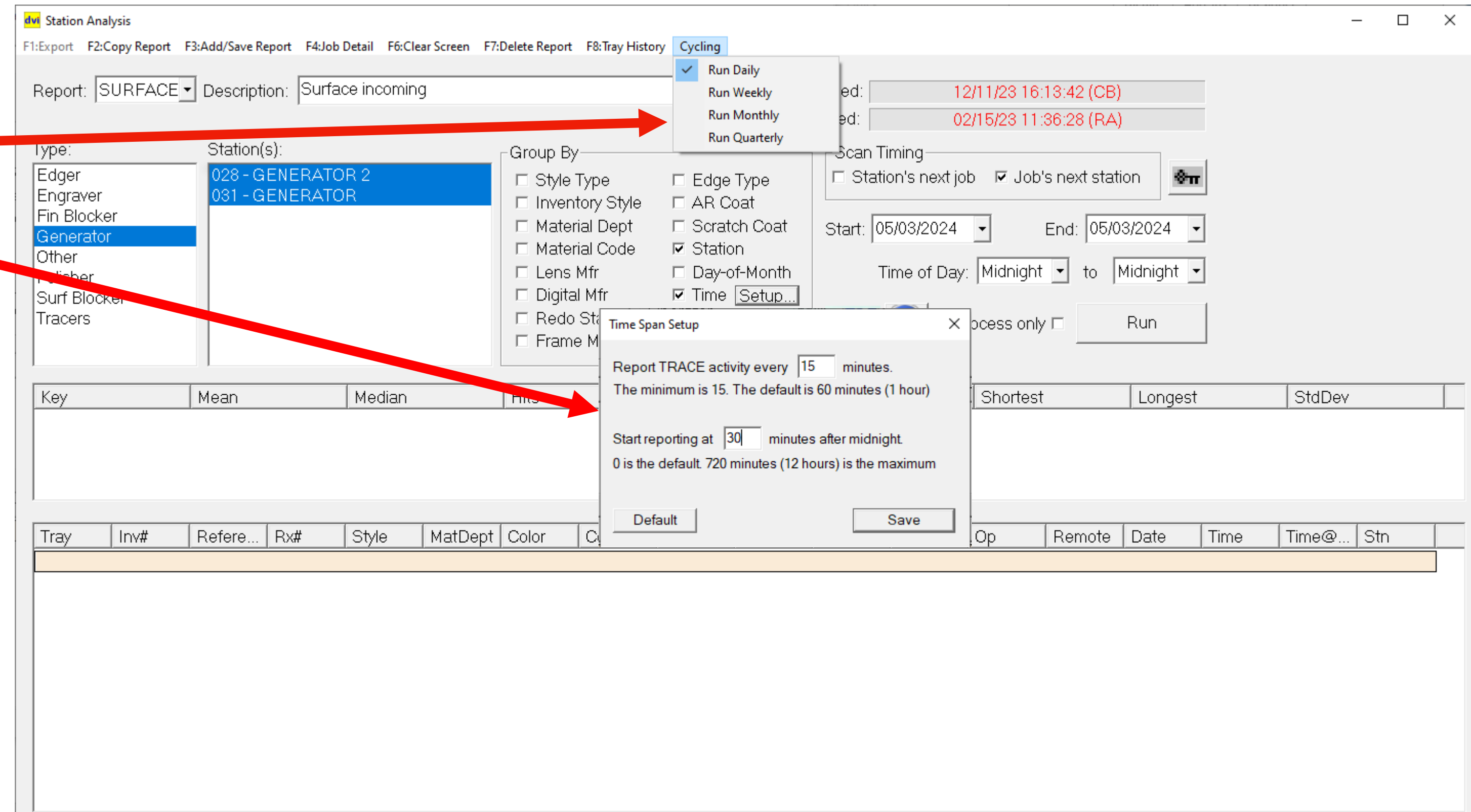
Scan Timing:  Station's next job  Job's next station  
Start: 04/24/2024 End: 05/01/2024  
Time of Day: Midnight to Midnight  
 In-process only

Key	Mean	Median	Hits	Multi
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# STATION ANALYZER

## New Features

- ◆ New command line options
- ◆ Run in-cycling options
- ◆ Time divisions to capture shifts



# AUTO TASK SETUP

## ◆ Add Auto Task

- System Setup <4,8,1,1>
- Select Auto Tasks

The screenshot shows the 'DVI Setup' application window with the 'Auto Tasks...' button circled in red. A red arrow points from the 'Select Auto Tasks' text in the list to this button. The 'Auto Tasks' dialog box is open, displaying the following configuration:

- Name:** Generator Production  Disabled
- Command:** station SURFACE I
- Frequency:**  Every  minutes. Valid values are between 5 and 1440.
- At:**  At 9:00,12:00,15:00,18:00
- Schedule:** Mon Tue Wed Thu Fri Sat Sun
- Buttons:** Add Task, Clear
- Task List:** FTC DELAY BUILD (delays auto) at 16:30, MON, TUE, WED, THU, FRI

# MO\_STATS.TXT



\*\*\*\*\* VISION SHARED STATISTICS REPORT FOR: 02/2024 \*\*\*\*\*

\*\*\*\*\* WHOLESALE LABS \*\*\*\*\*

MATERIAL (L)	HI	LO	AVG	LAB	STYLES (L)	HI	LO	AVG	LAB
=====					=====				
-GLASS	7%	1%	0%	0%	-SV	92%	19%	42%	0%
-PLASTIC	68%	1%	25%	0%	-PROG	78%	15%	44%	0%
-POLY	98%	2%	63%	0%	-ASPHERIC	49%	1%	3%	0%
-HIRES	38%	1%	12%	0%	-OTHER	100%	1%	11%	0%
PHOTO CHANGE	51.8%	0.2%	20.8%	0.0%	FREE FORM	100.%	7.0%	47.8%	0.0%
BREAKAGE (L)	37.5%	0.1%	6.1%	0.0%	INV/JOB (N)	\$280	\$	\$90	\$00
=====					=====				
-BRK/SURFACE	44.7%	0.4%	4.9%	0.0%	-RX W/FRAME	\$274	\$ 7	\$100	\$00
-BRK/BENCH	11.8%	0.1%	2.1%	0.0%	-LENS ONLY	\$283	\$ 6	\$98	\$00
JOBS/DAY (L)	7606	18	1076	0	-UNCUT	\$275	\$	\$86	\$00
DAYS/JOB (L)	13.0	1.3	3.3	0.0	-MISC	\$672	\$	\$38	\$00
UNCUTS (N)	100.%	1.0%	20.0%	0.0%					
REDOS (R)	22.9%	0.3%	10.8%	0.0%	PROF/JOB (N)	\$280	\$ 6	\$63	\$00
=====					=====				
-LAB	5.6%	0.1%	1.1%	0.0%	-RX W/FRAME	\$230	\$ 4	\$72	\$00
-DOCTOR	17.4%	0.1%	5.3%	0.0%	-LENS ONLY	\$283	\$	\$67	\$00
-NON-ADAPTS	4.6%	0.1%	0.7%	0.0%	-UNCUT	\$275	\$ 2	\$59	\$00
-WARRANTY	12.5%	0.1%	4.3%	0.0%	-MISC	\$670	\$	\$40	\$00
COATINGS					JOB ORIGIN				
=====					=====				
-AR	38.5%	0.1%	64.1%	0.0%	-LAB	100.%	0.1%	15.0%	0.0%
-SCR	64.4%	0.4%	10.7%	0.0%	-RxWizard	45.0%	0.1%	9.2%	0.0%
-UV	48.7%	0.1%	1.3%	0.0%	-SENDRX	100.%	0.1%	6.6%	0.0%
-COLOR	25.2%	0.1%	1.0%	0.0%	-EPX	100.%	0.1%	26.2%	0.0%
					-VWEB	100.%	0.1%	24.2%	0.0%
					-EYEF	91.7%	2.1%	17.2%	0.0%
FILLRATE					SUBCONTRACTED WORK				
=====					=====				
-STOCKED	99.8%	52.7%	87.6%	0.0%	-TOTAL JOB	100.%	0.1%	54.2%	0.0%
-STK&NSTK	99.5%	25.3%	70.2%	0.0%	-COAT ONLY	44.6%	0.1%	1.4%	0.0%

WHOLESALE LABS PARTICIPATING: 122

\*STATS ARE COMPILED FROM THE FOLLOWING MONTHLY REPORTS:  
 (L)=MONTHLY LENS OUTPUT REPORT, MO\_LNS.TXT  
 (N)=MONTHLY NET CHANGE REPORT, M\_NET.TXT  
 (R)=MONTHLY REDOS BY ACCOUNT, MRREDOS.TXT

# YEARLY SHIPPED JOBS 2020-2024

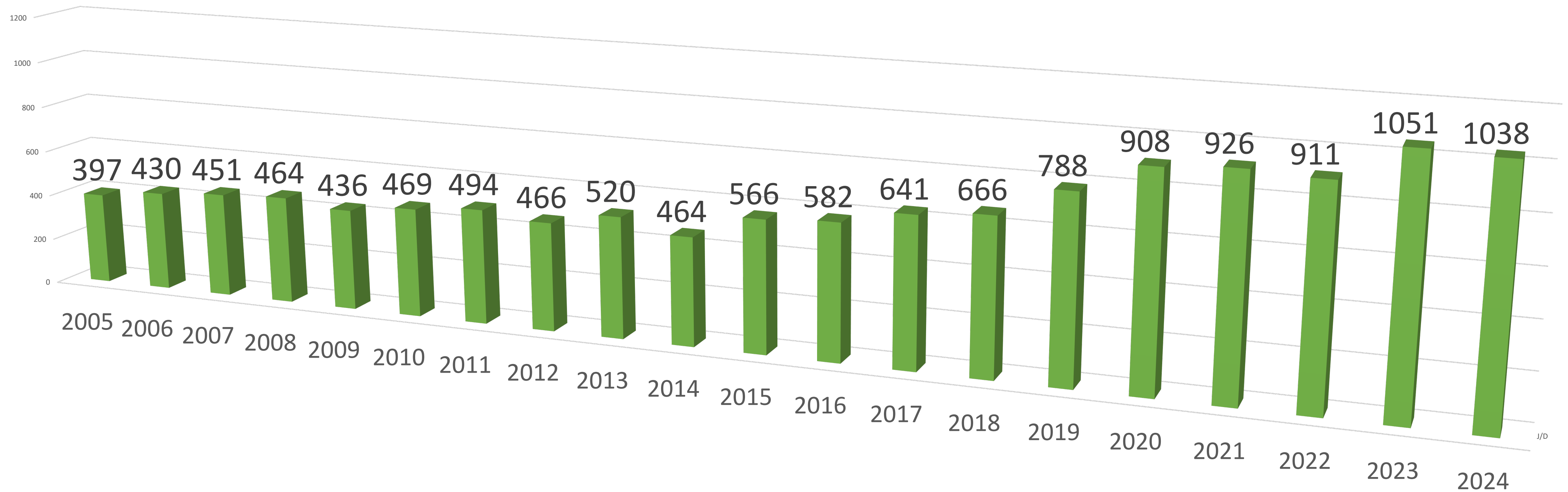


# LAB JOBS/DAY 2005-2024

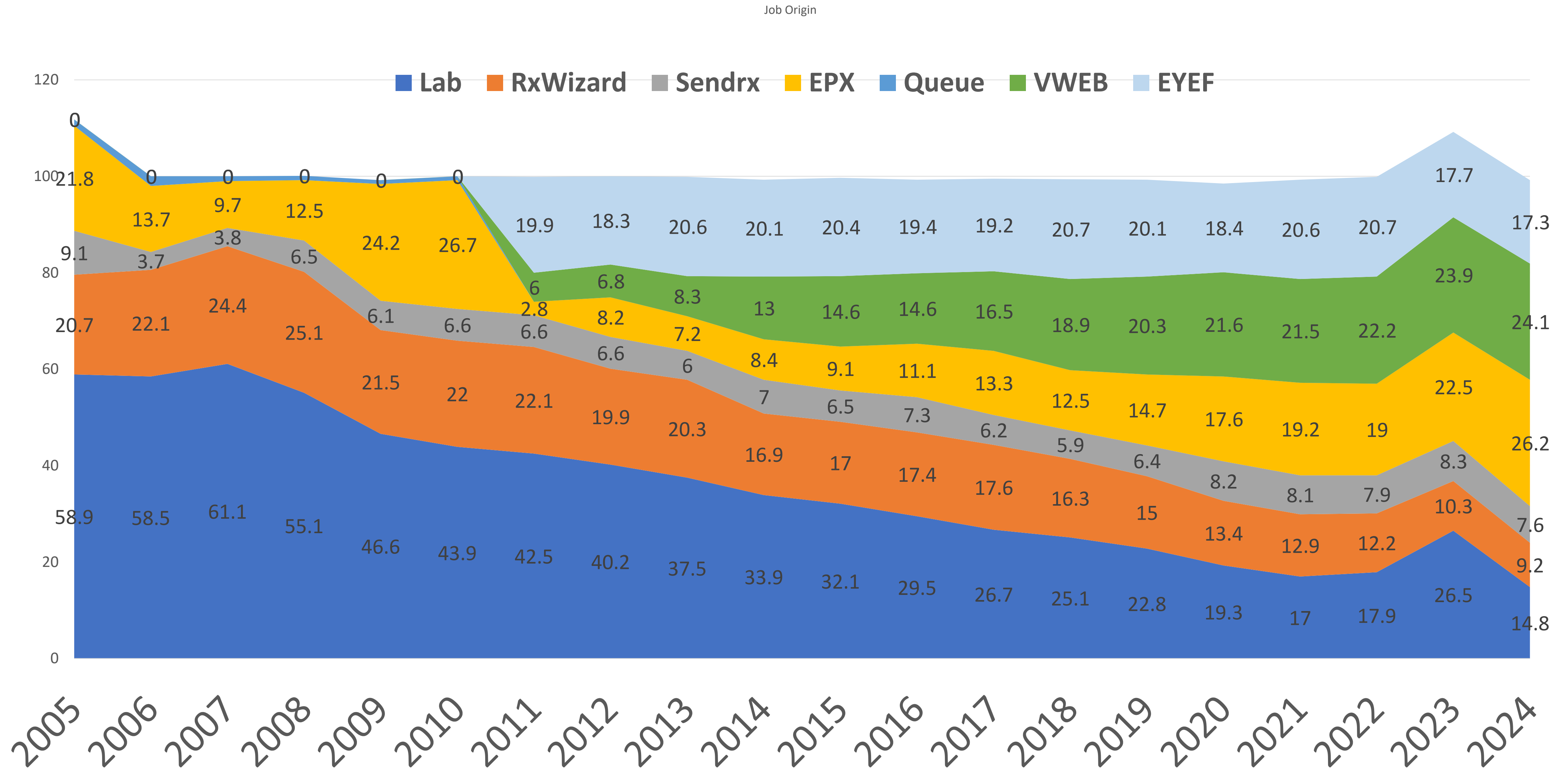


Labs average Jobs/day – 1038 for 2024

Jobs/Day



# JOB ORIGIN % 2005- 2024



# LAB DAYS/JOB 2005-2024

Labs average Days/Job-3.2 for 2024

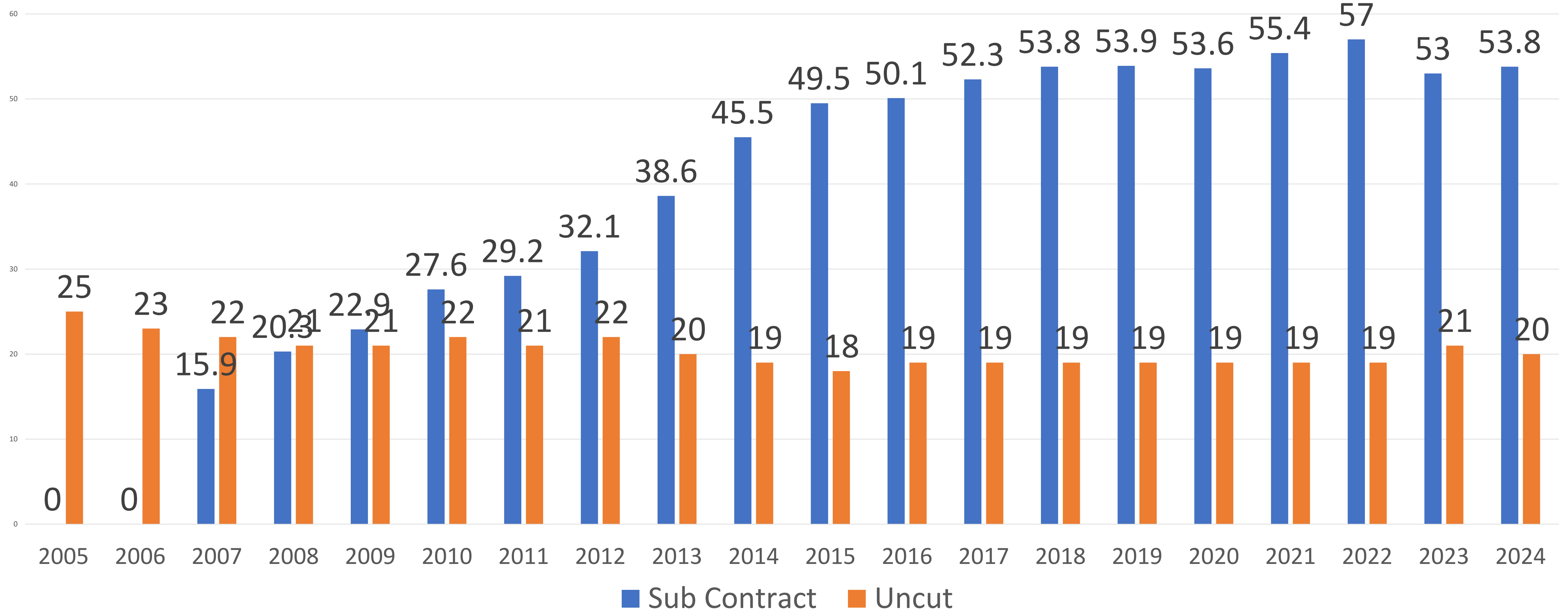




# LAB SUBCONTRACT AND UNCUT % 2005-2024



Subcontract and Uncut %

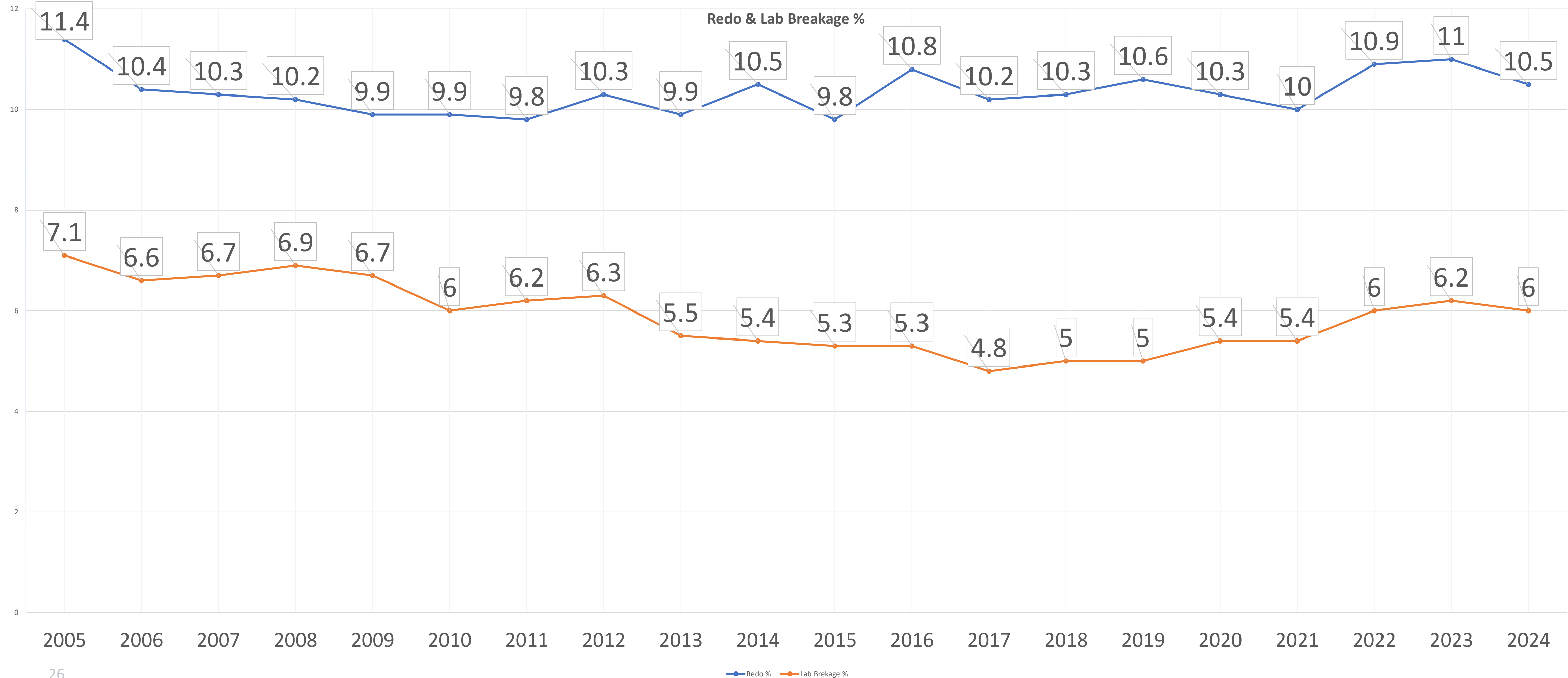


# LAB REDO AND BREAKAGE % 2005-2024



Lab Breakage % 2024 6.2%

Lab Redo % 2024 11.0%



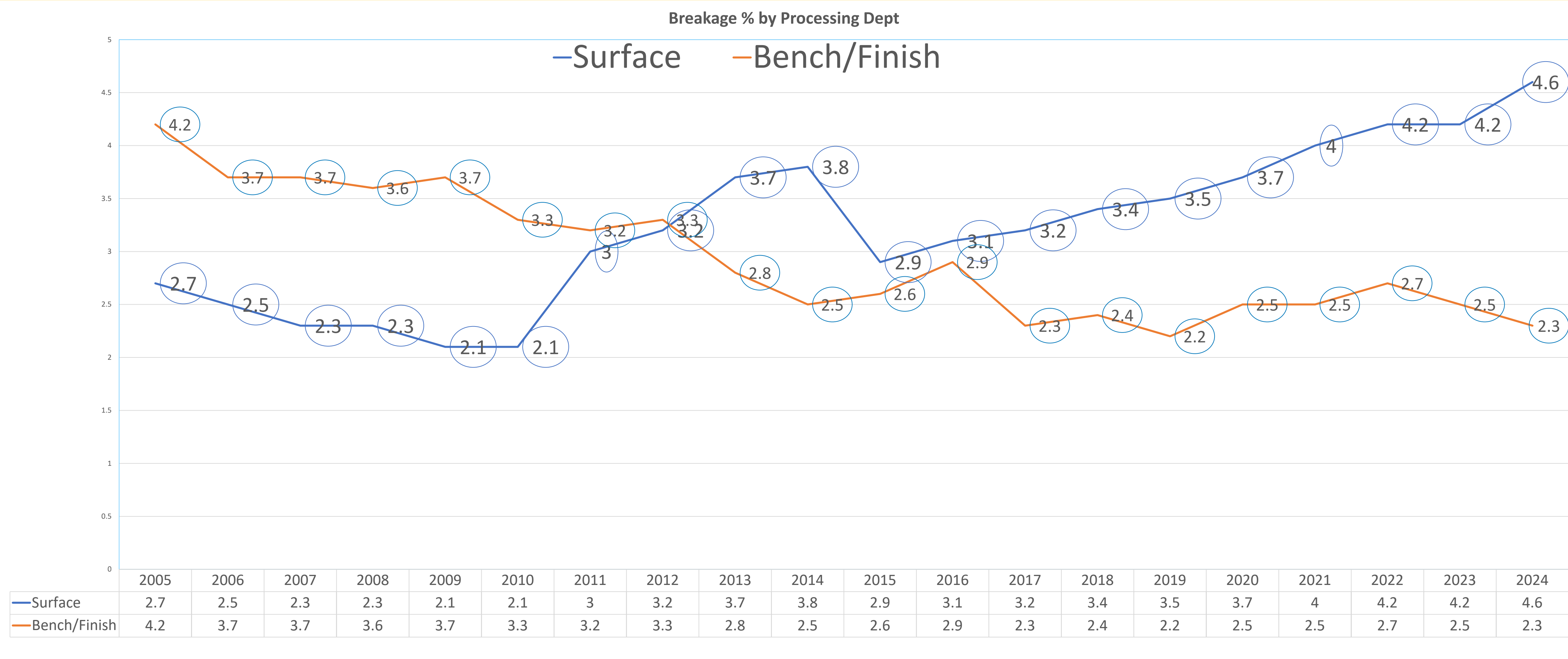
# LAB BREAKAGE SURFACE & FINISH DEPTS

## 2005-2024



Lab Surface Breakage % 2024 4.6%

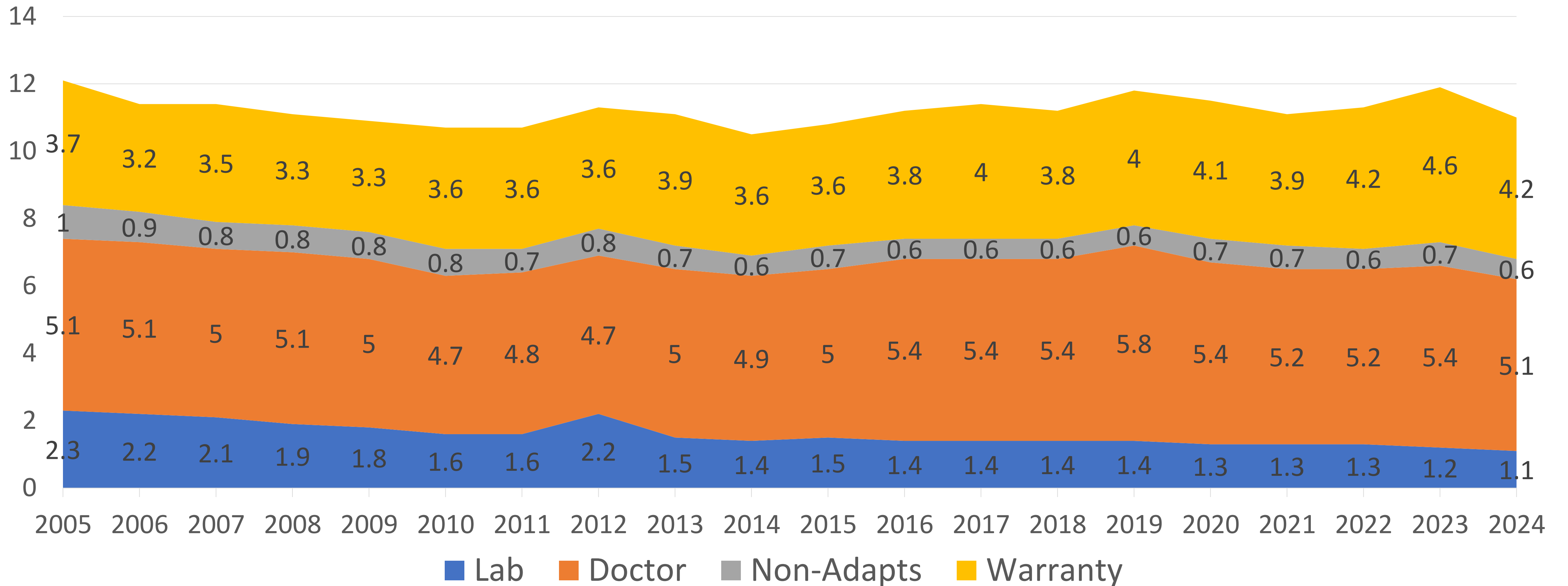
Lab Finish Breakage % 2024 2.3%



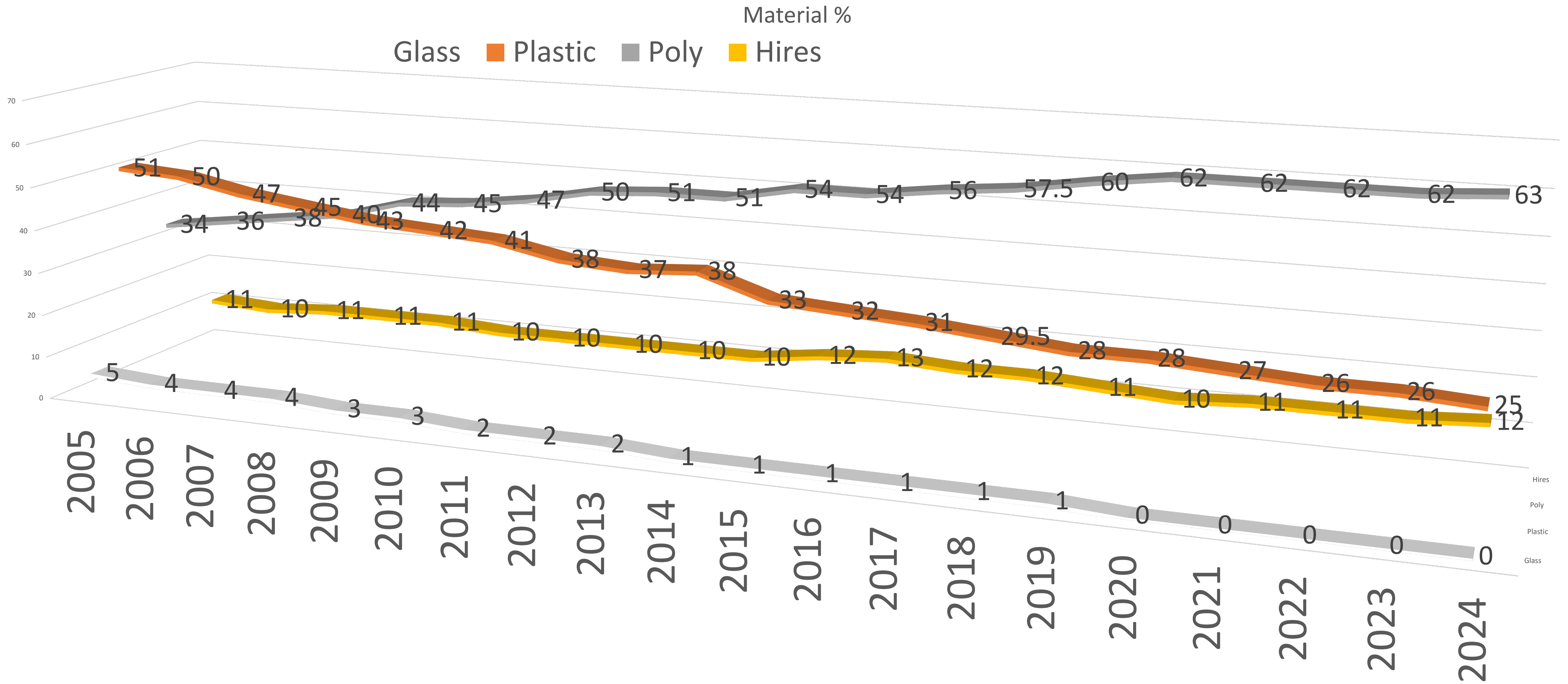
# REDO'S BY REASON % 2005-2024



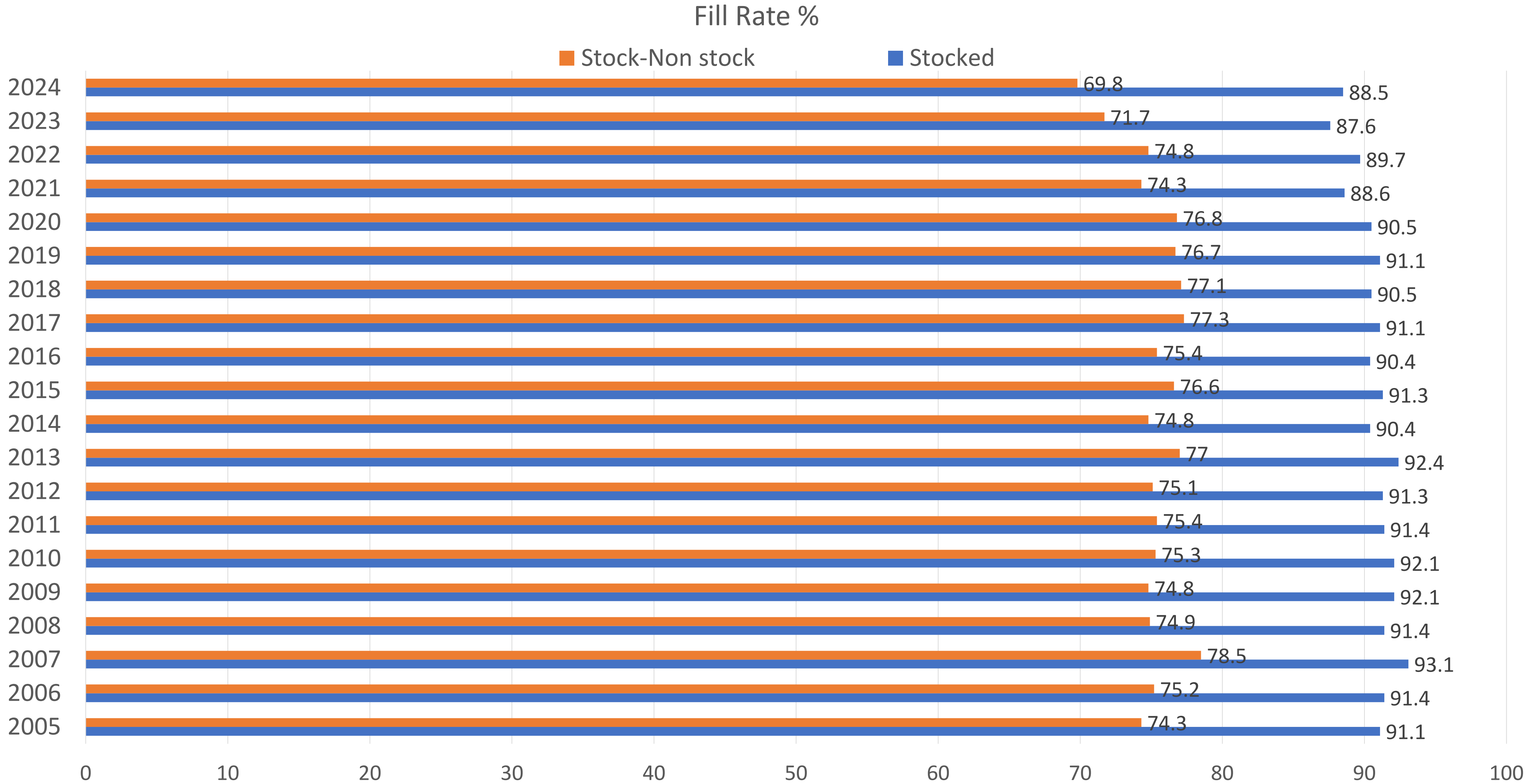
Redo's by Reason %



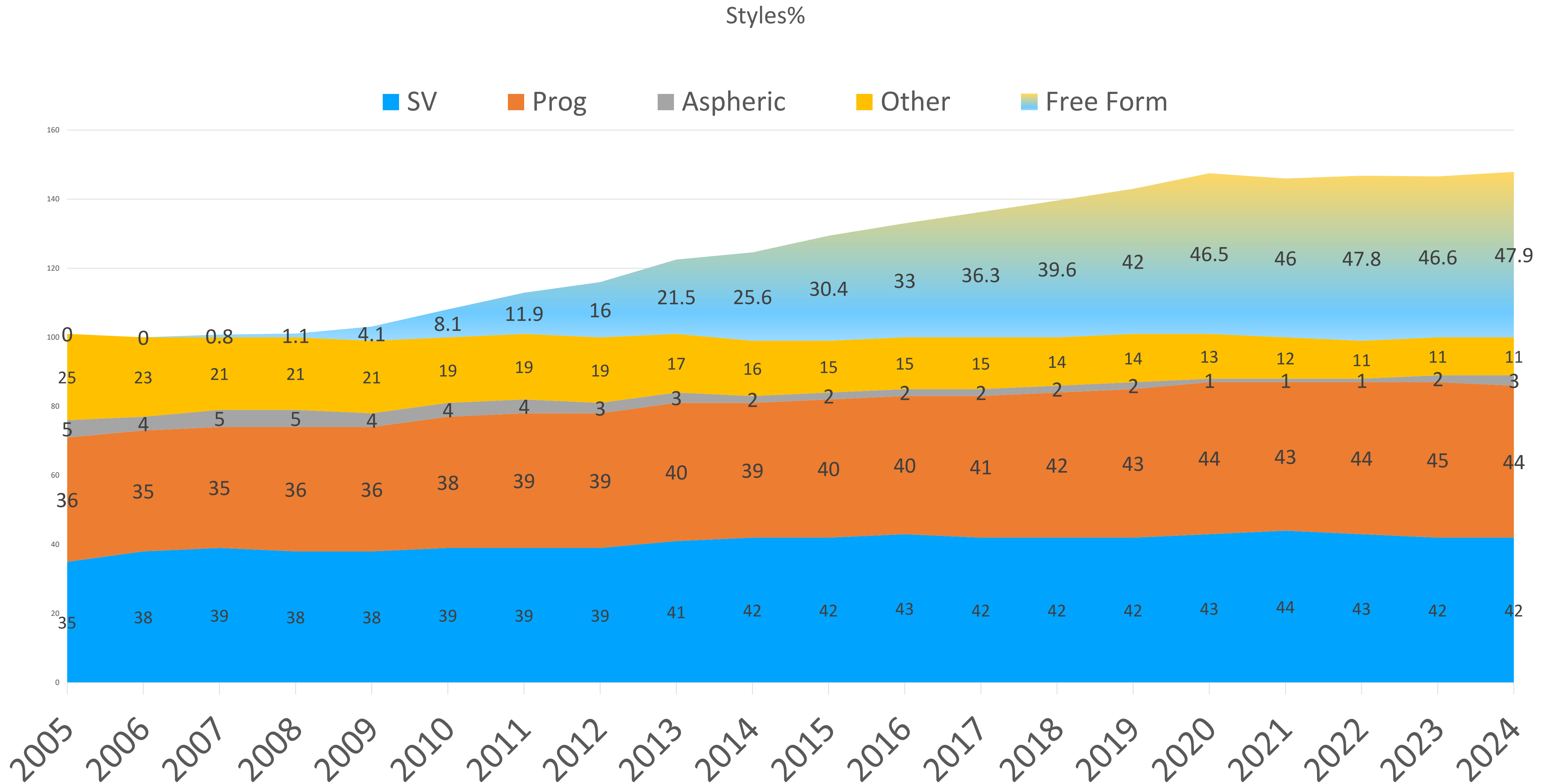
# MATERIAL %



# FILL RATE STOCKED AND NON STOCKED % 2005-2024



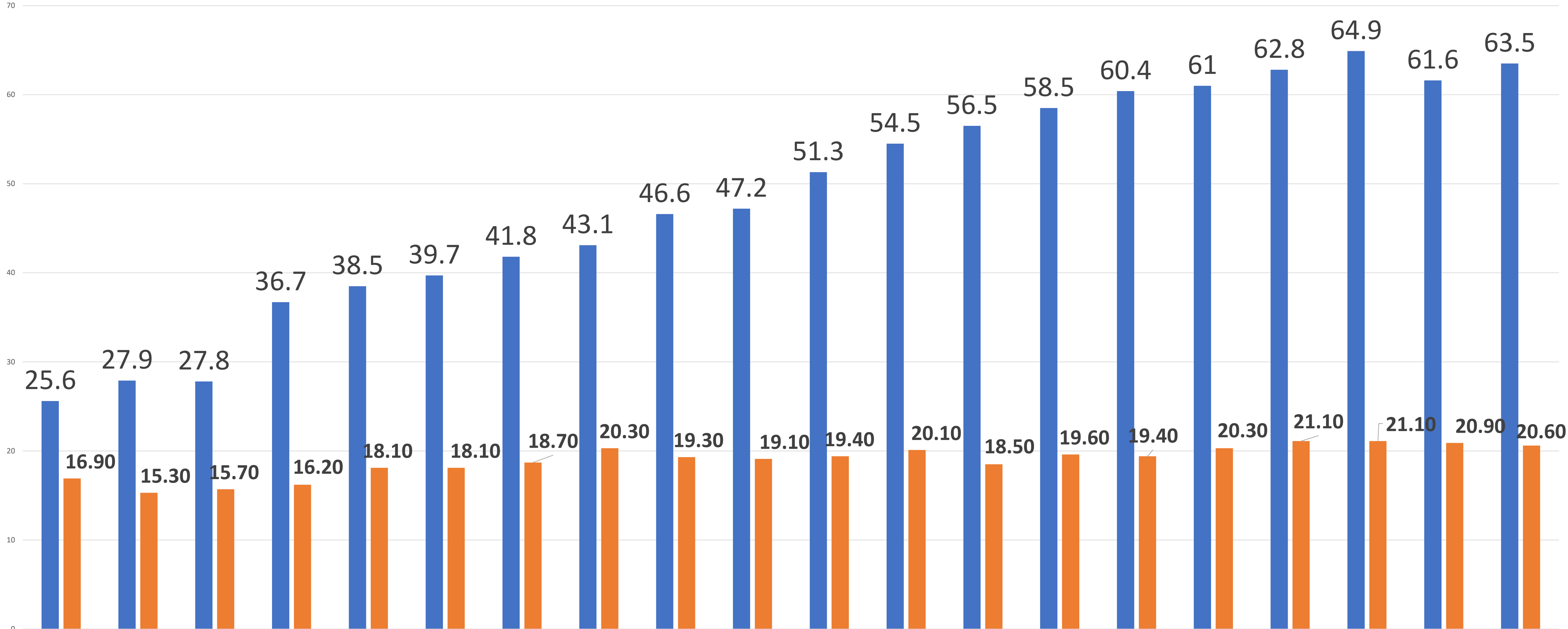
# LENS STYLES % 2005-2024



# AR AND PHOTO CHANGING % 2005-2024



AR% and PHOTO CHANGING %

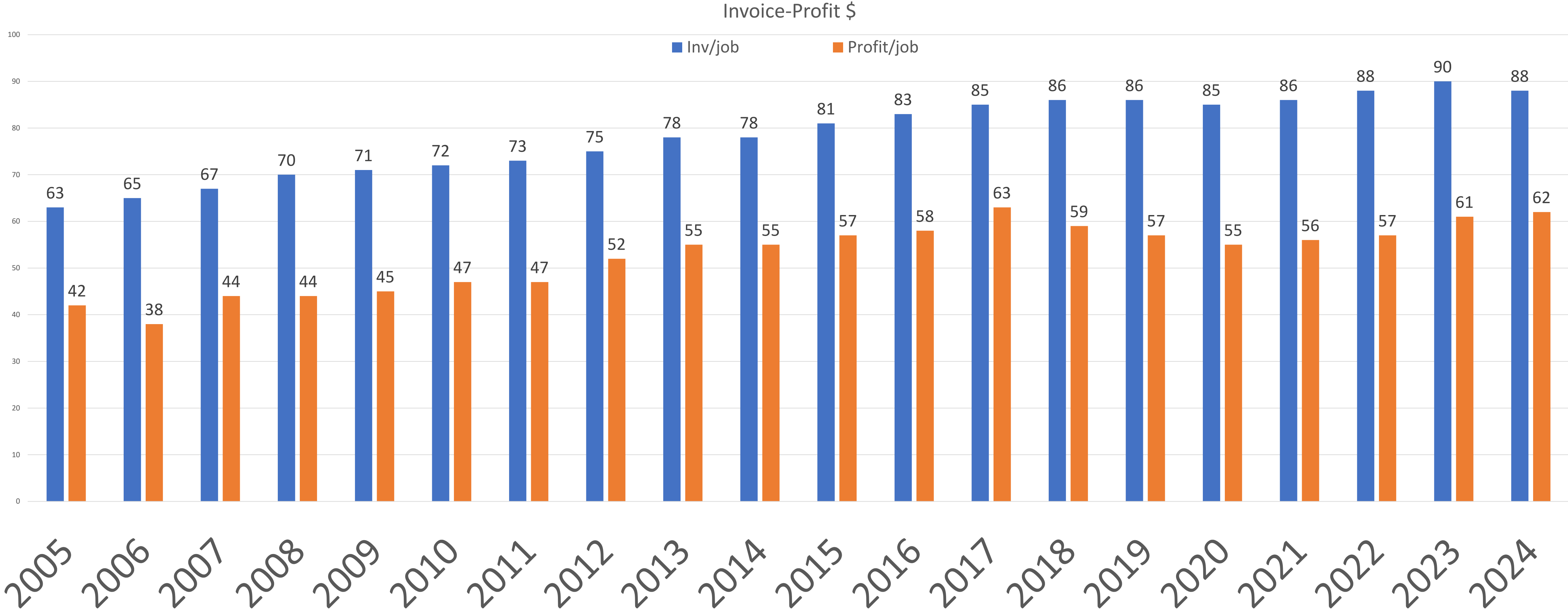


	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
AR%	25.6	27.9	27.8	36.7	38.5	39.7	41.8	43.1	46.6	47.2	51.3	54.5	56.5	58.5	60.4	61	62.8	64.9	61.6	63.5
Photo Changing	16.9	15.3	15.7	16.2	18.1	18.1	18.7	20.3	19.3	19.1	19.4	20.1	18.5	19.6	19.4	20.3	21.1	21.1	20.9	20.6

■ AR% ■ Photo Changing



# INVOICE-PROFIT \$ 2005-2024



**DIGITAL  
VISION**

**THANK YOU**

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