

# PSI Intelligence | Containers | MAY2026

Segment PSC Data: 1-30/4/2026 | 888 PCIs | 43 DET | 1.88 DPI | 4.84% DER

PSC Stress Index (PSI)

**PSI-9** —

## 1. KPI Performance Stress vs C36M Baseline

### How to read KPI Assessment

Monthly Value	Delta%
Calendar 36M Value	
Delta % = (Month-C36M)/C36M	

### Human-factors & Crewing (HFC) mDPI

127	-23.1%
166	

### Regulatory Compliance (ROC) mDPI

389	-16.6%
467	

### Ship Structure & Equipment (SSE) mDPI

1,370	+30.6%
1,049	

### Deficiency Per Inspection (DPI)

1.89	+11.2%
1.70	

### Detention Rate (DER)

4.85%	+135.1%
2.06%	

### SMS Deficiency Rate (SDR)

7%	+47.8%
4%	

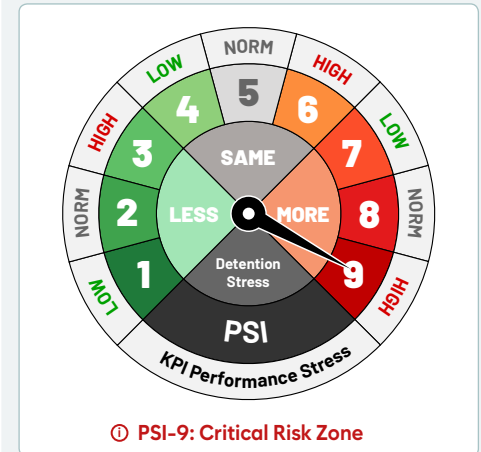
### Predictable Deficiency Index (PDI)

55%	+3.3%
54%	

## 2. PSC Stress Index (PSI)

### KPI Performance Stress

Avg KPI Delta% (7 KPIs) **+26.9% | HIGH**



### Detention Activity Stress

43 this month **+112.1% | MORE**  
20.3 avg C36M

## 3. Port Alerts (as of 30/4/2026)

Active Alert on Port	#Ports
Port DER C36M ≥6%	70
Repeat DET Area ≥3	33
Hot Trending DEFs ≥5	128
DETAIN DEF Areas ≥12	19
P-III Inspection% ≥20%	223
Active Alerts	342

## 4. Age Group Performance

Group	%PSCIs	DPI	DER
0-5	22.1%	0.84	3.06%
6-10	10.8%	1.45	4.17%
11-15	17.7%	1.75	4.46%
16-20	27.5%	2.25	5.74%
>20	21.9%	2.81	6.19%

## 5. Actual PSCI-Priority Breakdown

Priority	%PSCIs	DPI	DER
P-I	54.1%	0.98	1.89%
P-II	30.5%	1.08	0.00%
P-III	15.4%	1.13	3.33%

## 6. PSCI Highlights

### Most DEFs PSCI - Detention

Port of Onne  
Container ML | 2011 Built | 16 DEFs

### Most DEFs PSCI - No Detention

Odesa  
Container ML | 2005 Built | 24 DEFs

## 7. Detention Hotspots

Port	#DET	DER
Zhoushan	4	67%
Brisbane, QLD	3	43%
Shanghai	11	28%
Qingdao	4	25%
Gioia Tauro	1	20%

## 8. Top Deficiencies (excluding ISM) per 1,000 PSCIs

DEFiciency Area	Domain	#DET	mDPI
Fixed fire extinguishing installation	SSE	14	119
Fire pumps and its pipes	SSE	8	60
Lifeboats	SSE	4	59
Firefighting equipment and appliances	SSE	6	58
Fire detection and alarm system	SSE	6	54
Remote Means of control (opening, pumps, ventilation, etc.) Machinery spaces	SSE	6	48

## What PSI means in practice: PSI- 9: Critical Risk Zone



- ▶ Inspection stress is at critical levels.
- ▶ Stress is severe and conditions indicate high operational exposure.
- ▶ Main watchpoint is serious deficiencies or detention events.
- ▶ Action Required: Immediate corrective action and close control.

HOW TO READ / DIVE DEEPER

[www.risk4sea.com/PSI](http://www.risk4sea.com/PSI)

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