

FY01 Performance Results

EHS Coordinators & Reps Meeting

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FY 2001 Chemical Safety Performance Measures

- BNL will seek to minimize legacy containers
 - **Measure percentage of terminated/transferred staff with 100% disposition of assigned chemical containers within one month of termination or transfer date.**
 - **All terminations during FY 2001 will be evaluated.**

- BNL's FY01 (9/30/01) score is 82.5% which is in the **Excellent** range of 75% to 85%.

FY 2001 Chemical Safety Performance Measures

- BNL seeks to ensure that chemical containers are properly inventoried.
 - During 3rd & 4th quarters FY01, DOE/BNL surveyed all containers in six rooms with more than 50 chemical containers.
 - Composite score determined by 70% of the percentage of containers with bar codes, plus 30% of the percentage of bar coded containers assigned to correct owners.
- BNL's FY01 (9/29/01) score is 62.9% which is in the **Marginal** range of 55% to 66.9%. **FY 00 score was Excellent.**

FY 2001 Chemical Safety Performance Measures

Evaluation # 1 Score = 90.5 (Outstanding), CO

Evaluation # 2 Score = 77.5 (Excellent), ESTD

Evaluation # 3 Score = 0 (Unsatisfactory), EENS

Evaluation # 4 Score = 72.1 (Good), BO

Evaluation # 5 Score = 59.1 (Marginal), MO

Evaluation # 6 Score = 78.0 (Excellent), AM

Composite Score for FY01 = 62.9 (Marginal)

For “Excellent” FY01 Rating, remaining evaluations must have average score of 98%.

For “Good” FY01 Rating, remaining evaluations must have average score of 78%.

FY 2001 Chemical Safety Performance Measures

SHSD's actions to avoid future "Marginal" scores:

- Exit Readiness Evaluations will include chemical inventory report to determine if transfer or disposal completed.
- CMS will generate reports of chemical owners (50 or more chemicals) with no activity for more than one year.

FY 2001 Chemical Safety Performance Measures

Department/Division's actions to avoid future
“**Marginal**” and “**Unsatisfactory**” scores:

- Incorporate CMS Inventory review in Self-Assessment Plan
- Conduct periodic checks for bar-coded chemicals on a routine basis and during Tier I inspections
- Track inventory transfer during relocations
- Add yearly reconciling of chemical inventories to R2A2 responsibilities
- Remove the barcode from the container at the time the chemical enters the waste stream and place it on the CMS deletion sheet. Send the deletion sheet to CMS.

FY 2001 Chemical Safety Performance Measures

Department/Division's actions to avoid future
“**Marginal**” and “**Unsatisfactory**” scores:

- When you receive a new chemical make sure that the container has a bar code. Also check the CMS database to ensure that the chemical has been assigned to the correct room and owner.
- When you receive your new chemical check to see if an ACTION REQUIRED sheet is attached to the outside of the package. If there is a sheet attached completed it and send it to CMS in building 120.

FY 2001 Occupational Safety Performance Measures

Measures: Accident Statistics

Total Recordable Case Rate (OSHA Recordables) TRCR

Lost Workday Case Rate (LWCR)

Lost Work Day Rate (LWDR)

Where:

$$\text{TRCR per 100 FTEs} = \frac{\text{Number of OSHA reportable injuries/illnesses} \times 200,000}{\text{Total Hours Worked}}$$

$$\text{LWCR per 100 FTEs} = \frac{\text{Number of Lost Workday Cases} \times 200,000}{\text{Total Hours Worked}}$$

$$\text{LWDR per 100 FTEs} = \frac{\text{\# of Days Away From Work} + \text{Restricted Days} \times 200,000}{\text{Total Hours Worked}}$$

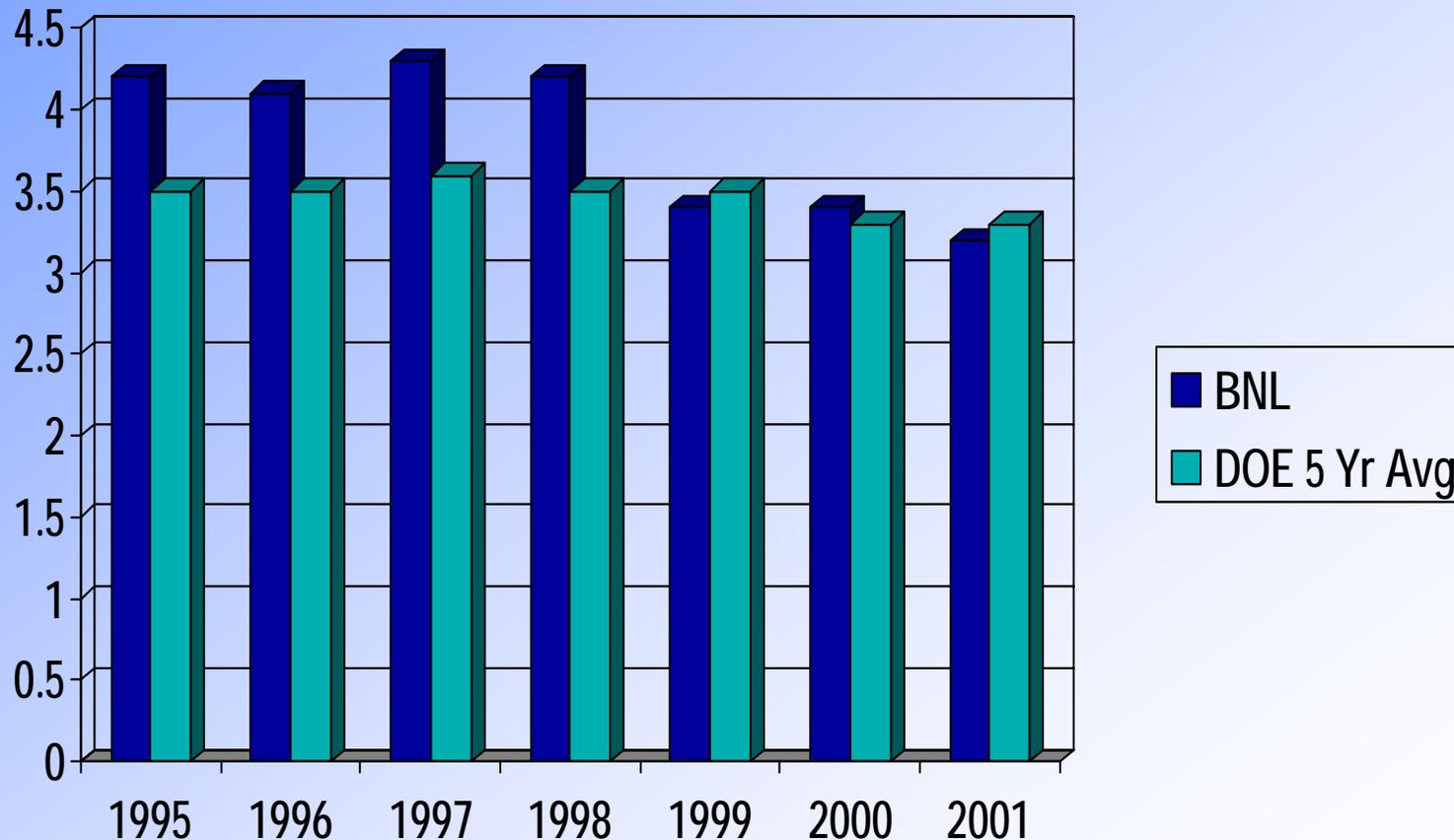
$$\text{Composite Score} = \text{TRCR score} \times 0.33 + \text{LWCR score} \times 0.33 + \text{LWDR score} \times 0.33$$

FY 2001 Occupational Safety and Health Performance Measures

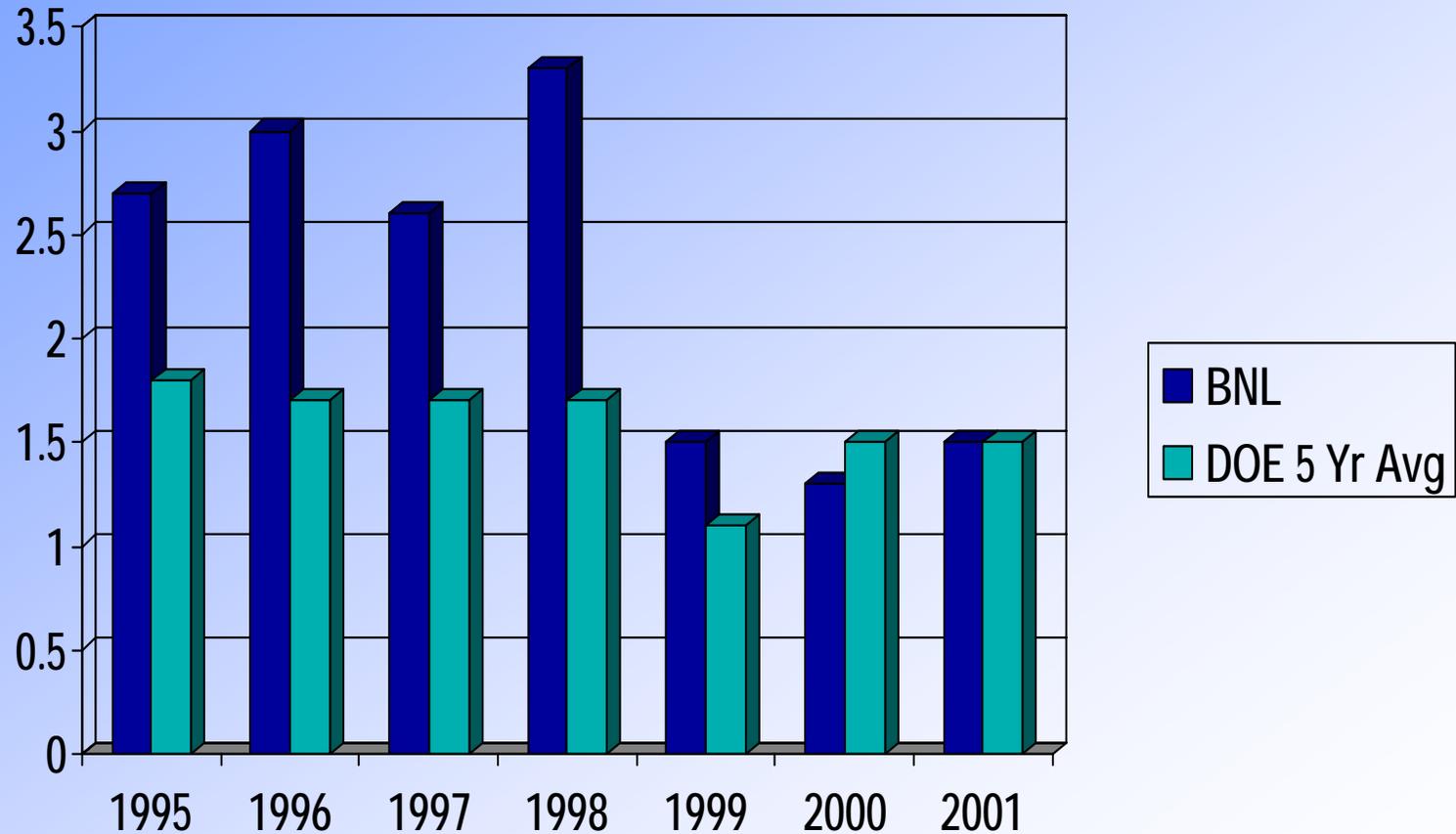
FY01 Accident Statistics Results

- TRCR score is 3.20, Rating = Good
 - LWCR score is 1.50, Rating = Good
 - LWDR score is 47.19, Rating = Good
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- BNL's composite score is 1.98, which is in the **Good** range.

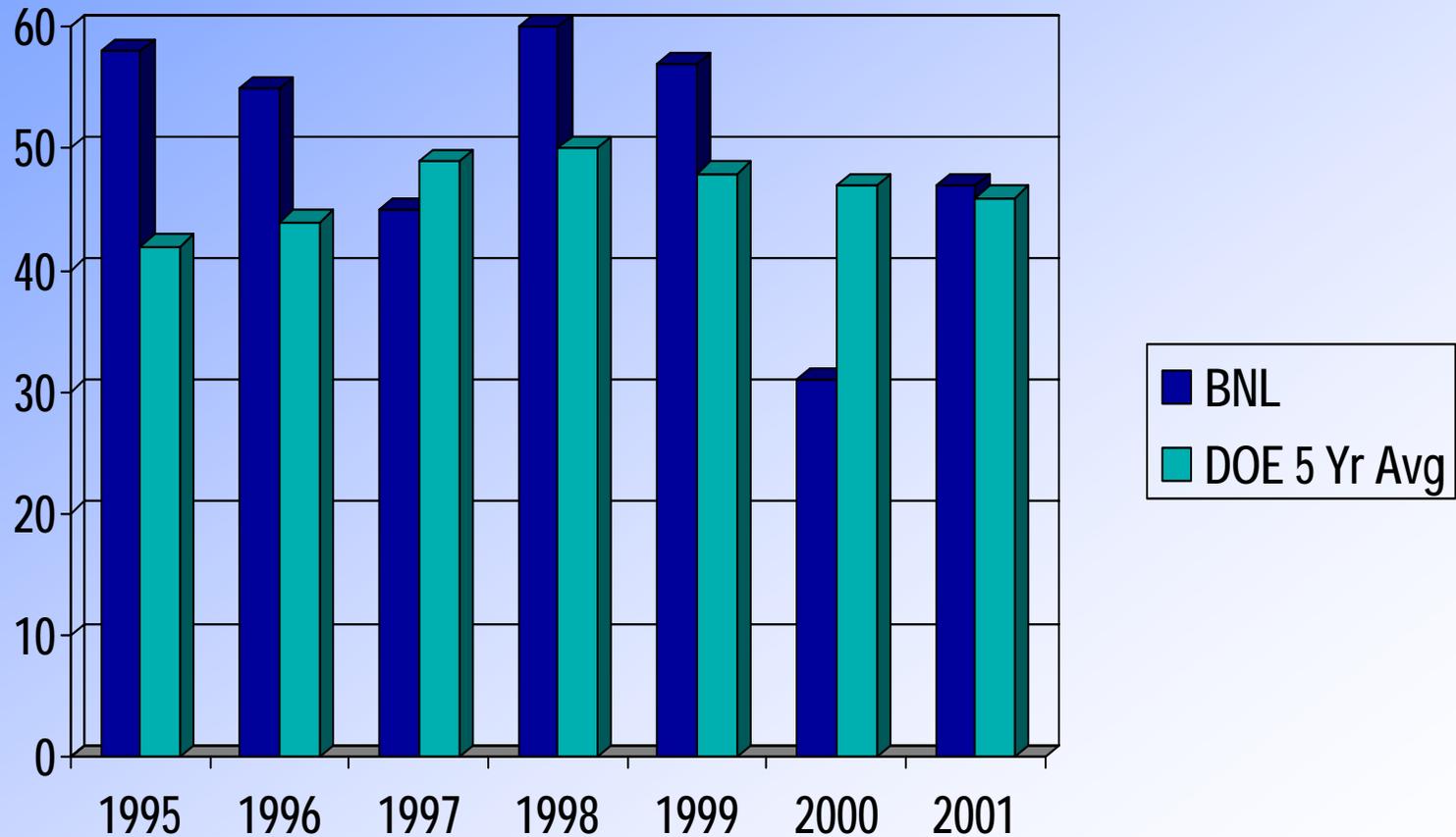
Recordable Case Rate ('95- '01) BNL & DOE 5 Year Average



Lost Work Case Rate ('95-'01)

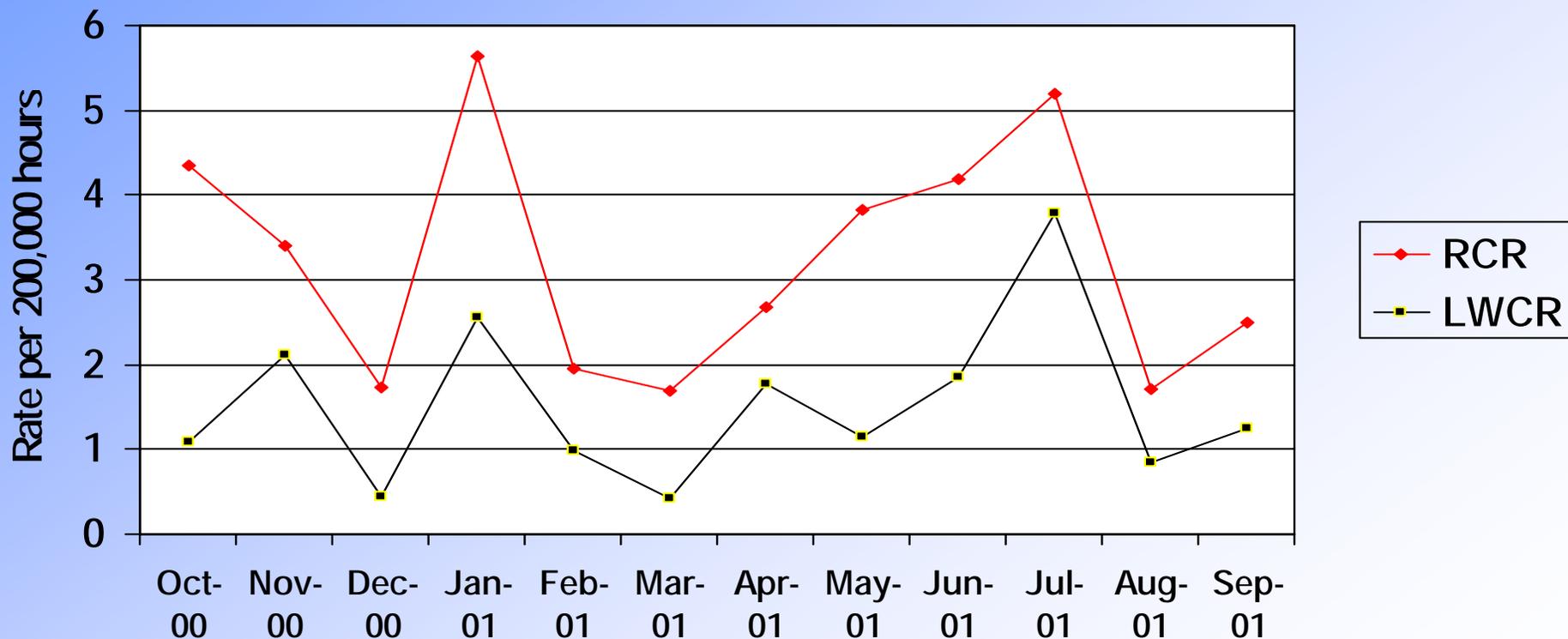


Lost Workday Rate ('95-'01)



Ups and Downs of BNL OI Performance Metrics

FY01 Recordable and Lost Workday Rates



Department/Division's actions to avoid future

“Low Occupational Safety and Safety & Health”
scores:

- Engage SHSD staff in Work Planning & Controls
- Engage SHSD staff in Self-Assessment Plans
- Engage SHSD staff in Tier I Activities
- Engage SHSD Staff in Incident Critiques

Accident Avoidance Activities

- Effective Work Planning and Control Processes Engaging Appropriate ESH Participants
- Periodic Reviews and Follow-ups
- Prompt Corrections of Findings and Deficiencies
- Periodic Safety Communications – Senior Staff and All Hands Meetings
- Senior Management and Supervisor Attention
- Prompt Investigations and Critiques of Accidents and Near-Misses