

# Ad Hoc Reporting

---

Introduction to Ad-Hoc Reporting  
Norm Ayers, EES

# Ad-Hoc Reporting

---

- Gives business users immediate access to information in database.
- Provides a business view of data to hide complexity of data structures.

# Ad-Hoc Reporting - Use it to...

---

- Find data you know is in database
- View in familiar spreadsheet style
- Drill down through data
- Find data that meets conditions
- Sort data
- Prepare reports (PDF, Spreadsheet)
- Export data to Microsoft Excel

# Ad-Hoc - Sample Report

Available Items:

- FRPP
- Site/Area
- Site Maintenance
- Property
- Property Maintenance
- Building
  - Site Name
  - Site Number
  - Area Number
  - Property ID
  - Property Type
  - Program Office
  - Property Name

Selected Items:

- Program Office
- Site Name
- Year Built
- Year Built COUNT

**NNSA Owned Buildings (Trailers Excluded)**  
Sorted By Site Name By Year Built - Subtotal for Year Built

Page Items:

Program Office	Site Name	Year Built	Year Built COUNT
NNSA	AL Complex	1951	4
NNSA		1967	1
NNSA		1987	3
NNSA		1988	1
NNSA		1989	1
NNSA		1990	1
NNSA		1992	3
NNSA		1996	1
			Sum: 15
NNSA	East Tennessee Technology Park	1981	1
			Sum: 1
NNSA	Kansas City Plant	1942	7
NNSA		1943	6
NNSA		1944	1
NNSA		1948	1
NNSA		1952	1
NNSA		1953	1
NNSA		1957	2
NNSA		1961	1
NNSA		1972	1
NNSA		1973	2
NNSA		1974	4
NNSA		1982	1

# Ad-Hoc Reporting - Features

---

- ❑ Generate your own reports
- ❑ Web-based interface
- ❑ Available to DOE Sites
- ❑ Uses Oracle Business Intelligence Discoverer software
- ❑ Uses live production data from FIMS & CAIS databases (read-only)
- ❑ Easy to learn (like a spreadsheet)

# Ad-Hoc Reporting - Features

---

- Create filtered lists
- Create totals, subtotals, averages
- Calculate percentages
- Create custom calculations
- Display data visually, graphs & charts
- Pivot data, to create comparisons
- Drill up and down, to see differences

# Ad Hoc Reporting - History

---

- ❑ FIMS Ad-Hoc developed 2005
- ❑ Used in stand-alone mode 2006
- ❑ Configured for DOE network 2006
- ❑ Deployed to HQ 2007
- ❑ Special reports developed in 2007
- ❑ CAIS database added 2007
- ❑ New User Guide 2007

# Ad-Hoc Reporting - Warning

---

- ❑ Your reports may not work or total like FIMS & CAIS production reports
- ❑ FIMS & CAIS production reports use internal business rules and algorithms
- ❑ Like anything else, it will take some time to get good at using all features of Oracle Discoverer

# Ad-Hoc – Getting Started

---

- ❑ Some technical background helpful
- ❑ Read “Ad-Hoc Reporting User Guide”
- ❑ Become familiar with database (FIMS data dictionary)
- ❑ Contact us to activate your site, to provide info to configure your firewall