

2013 Scientific Advisory Committee Meeting
Marriott Hotel, Riverside Hall, Richland, WA
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USTUR Health Physics Database



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**“Learning from Plutonium and
Uranium Workers”**

Health Physics Database

Making the data readily available for scientists

The screenshot displays the USTUR Health Physics Database interface. The title is "United States Transuranium and Uranium Registries". The case number is 0102. The intake type is "Mixed: Inhalation(s)/Wound(s)" and the contaminant is "Am-241". The interface is divided into several sections: "Bioassay Summary" with a table of monitoring types and counts, "Detailed Data" with a grid of monitoring types, "Index" with search filters, and "Search Options" with "Quick" and "Advanced" buttons. A "Notes" field is also present at the bottom.

| Monitoring Type | Count |
|-----------------|-------|
| Feces | 2 |
| Urine | 28 |
| Lung | 1 |
| Skeleton | 8 |
| Whole Body | 1 |

Goal:

□ Standardized and searchable

- Exposure Records
- Bioassay Data
- Historical Dose Assessments
- Treatment Records



Health Physics Database

The screenshot displays the USTUR Health Physics Database interface. The title is "United States Transuranium and Uranium Registries". The case number is 0102. The intake type is "Mixed Inhalation(s)/Wound(s)" and the contaminant is "Am-241". The interface includes a "Bioassay Summary" table, a "Detailed Data" table, and an "Index" section.

| Monitoring Type | Count |
|-----------------|-------|
| Feces | 2 |
| Urine | 28 |
| Lung | 1 |
| Skeleton | 8 |
| Whole Body | 1 |

| Urine | Feces |
|-------|----------|
| Blood | Skeleton |
| Lung | Liver |
| Wound | WBC |

Buttons: Enter Data, All Data, Search Options (Quick, Advanced), Notes.

Priorities:

- New Donations
- Whole-Body Cases
- Partial-Body Cases



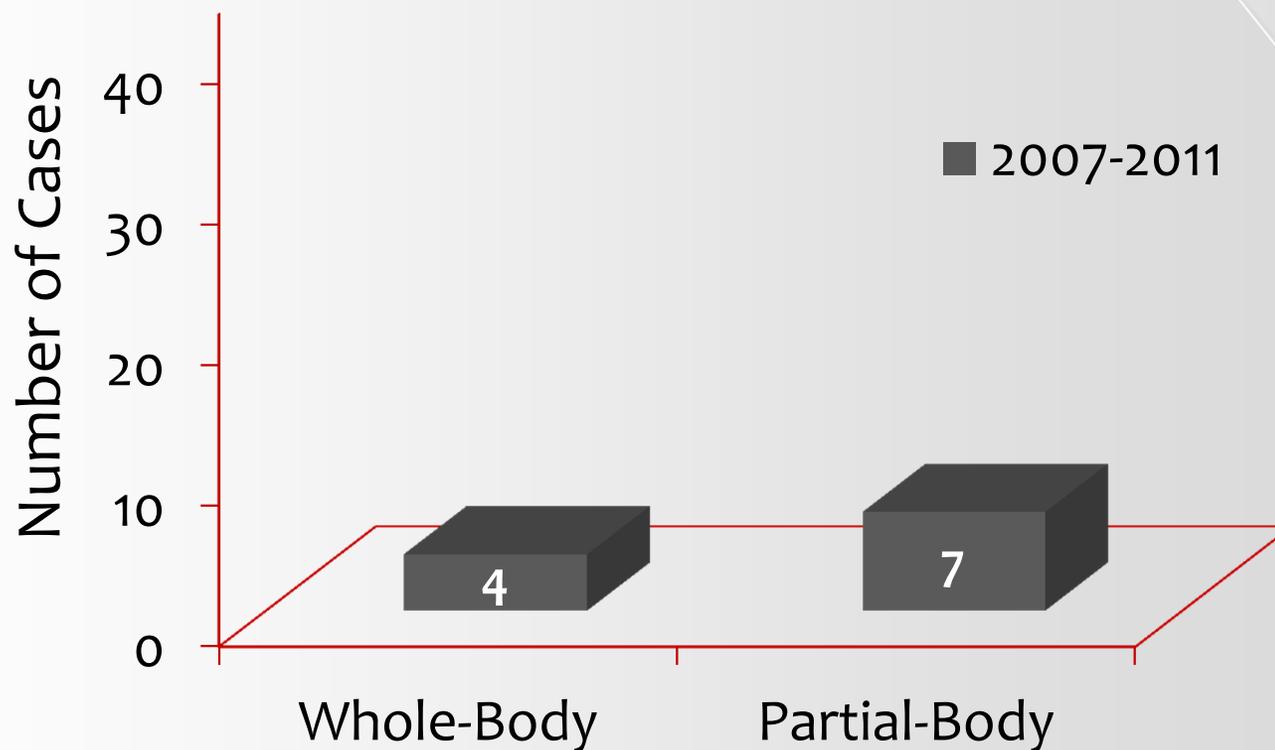
USTUR Registrants

| | | |
|--|--------------------------------|------------|
| Total Active and Deceased Registrants | | 413 |
| Living Registrants: | | 71 |
| | Potential Partial-body Donors: | 55 |
| | Potential Whole-body Donors: | 9 |
| | Special Studies: | 7 |
| Deceased Registrants: | | 342 |
| | Partial-body Donations: | 297 |
| | Whole-body Donations: | 40 |
| | Special Studies: | 5 |
| Inactive Registrants: | | 463 |
| Total Number of Registrants: | | 876 |



Status 2011

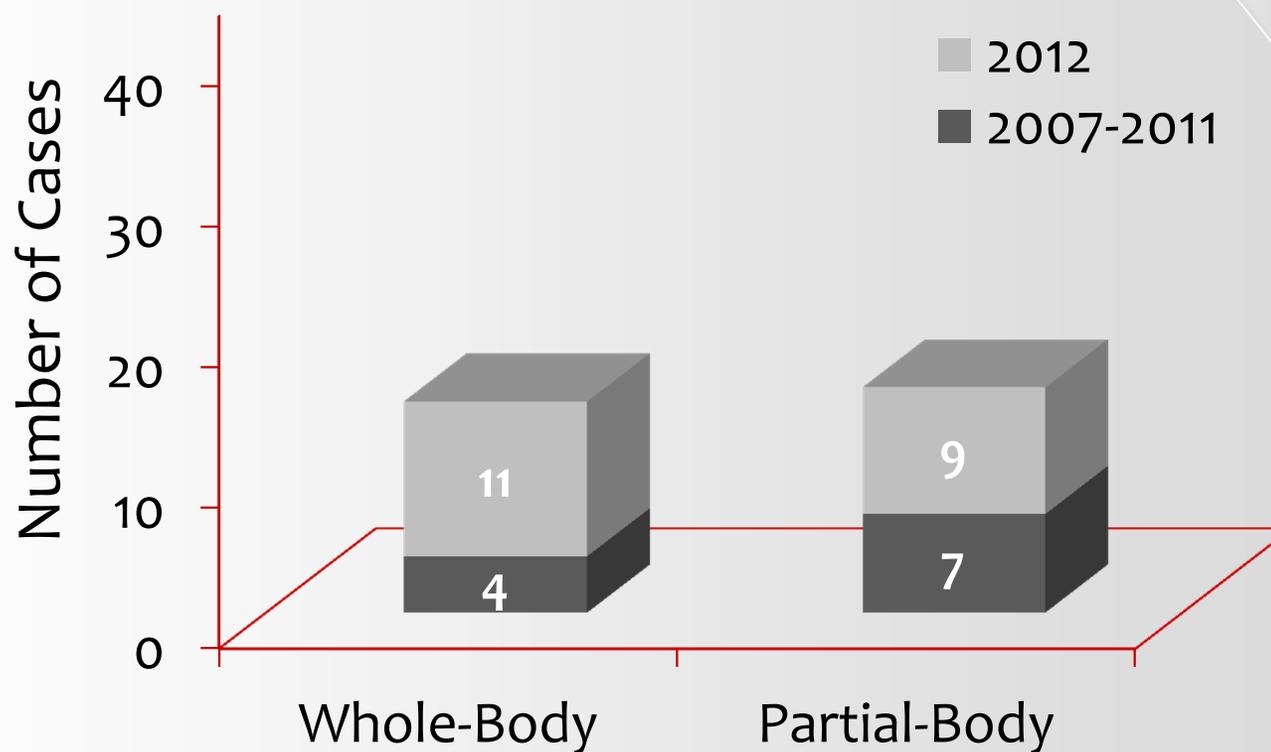
Completed Cases: 11



Status 2012

Completed Cases: 20

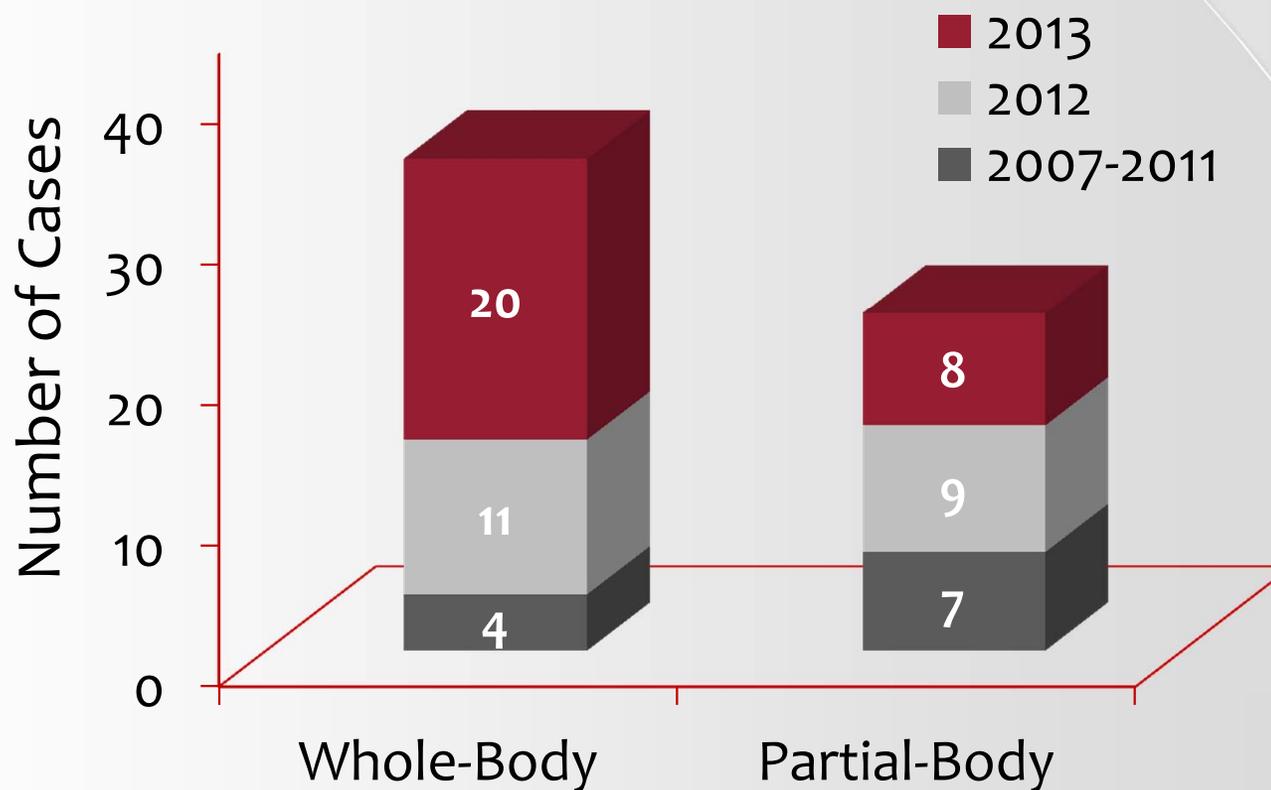
Total: 31



Status 2013

Completed Cases: 28

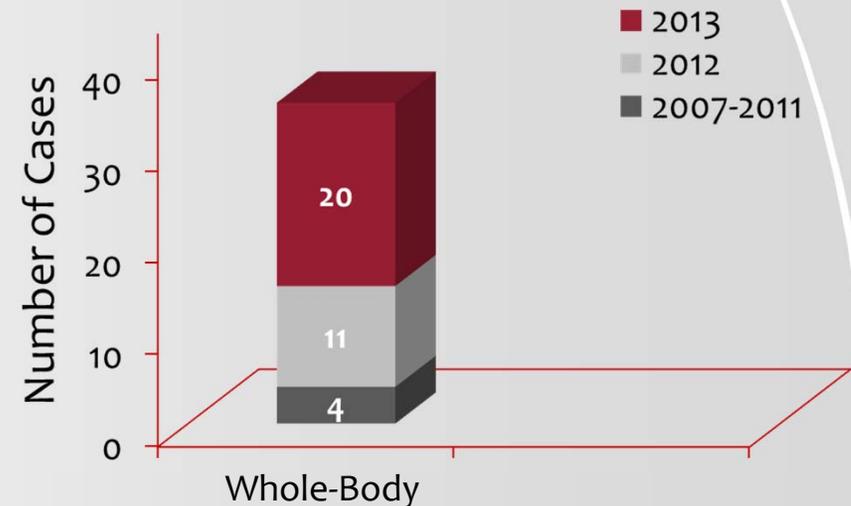
Total: 59



Progress Report

Sept 2012 – Aug 2013, data entry completed for

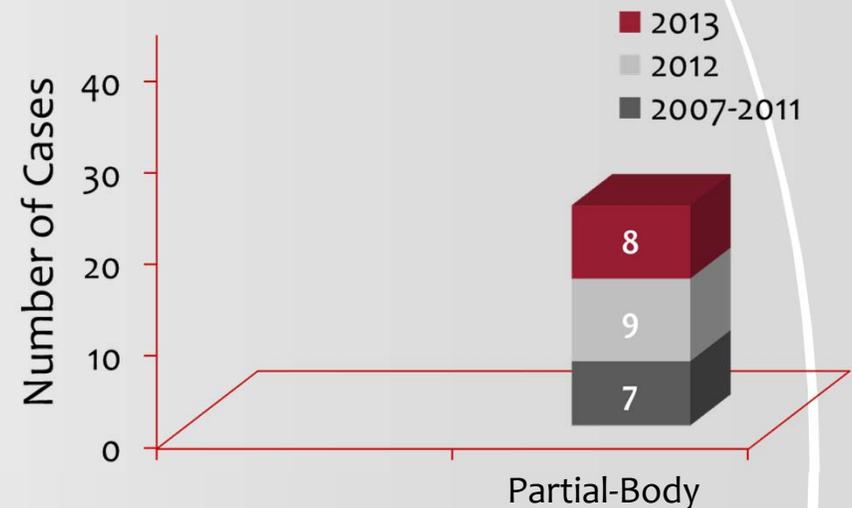
- 20 Whole-Body Cases including
 - 1 New Donation – CHI Met Lab
 - 19 Donations from
 - LOS (9)
 - HAN (6)
 - OAK (1)
 - LAW (1)
 - FER (1)
 - URW (1)



Progress Report

Sept 2012 – Aug 2013, data entry completed for

- 8 Partial-Body Cases including
 - 3 New Donations
 - 4 Cases with Incomplete Data Entry
 - 1 Case on Request

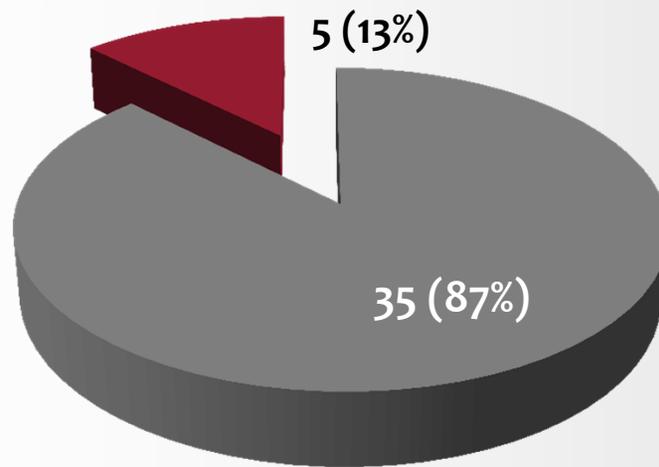


Summary

As of Sept 1, 2013, data entry completed for

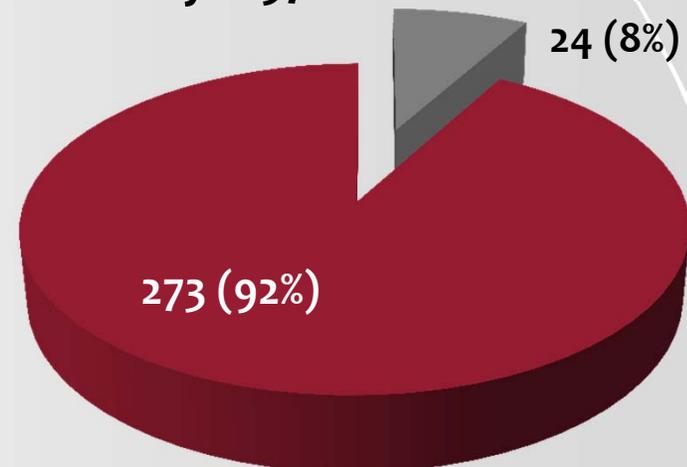
☐ 59 of 337 Deceased Registrants (17.5%)

Whole-Body: 40



■ Complete ■ Intact

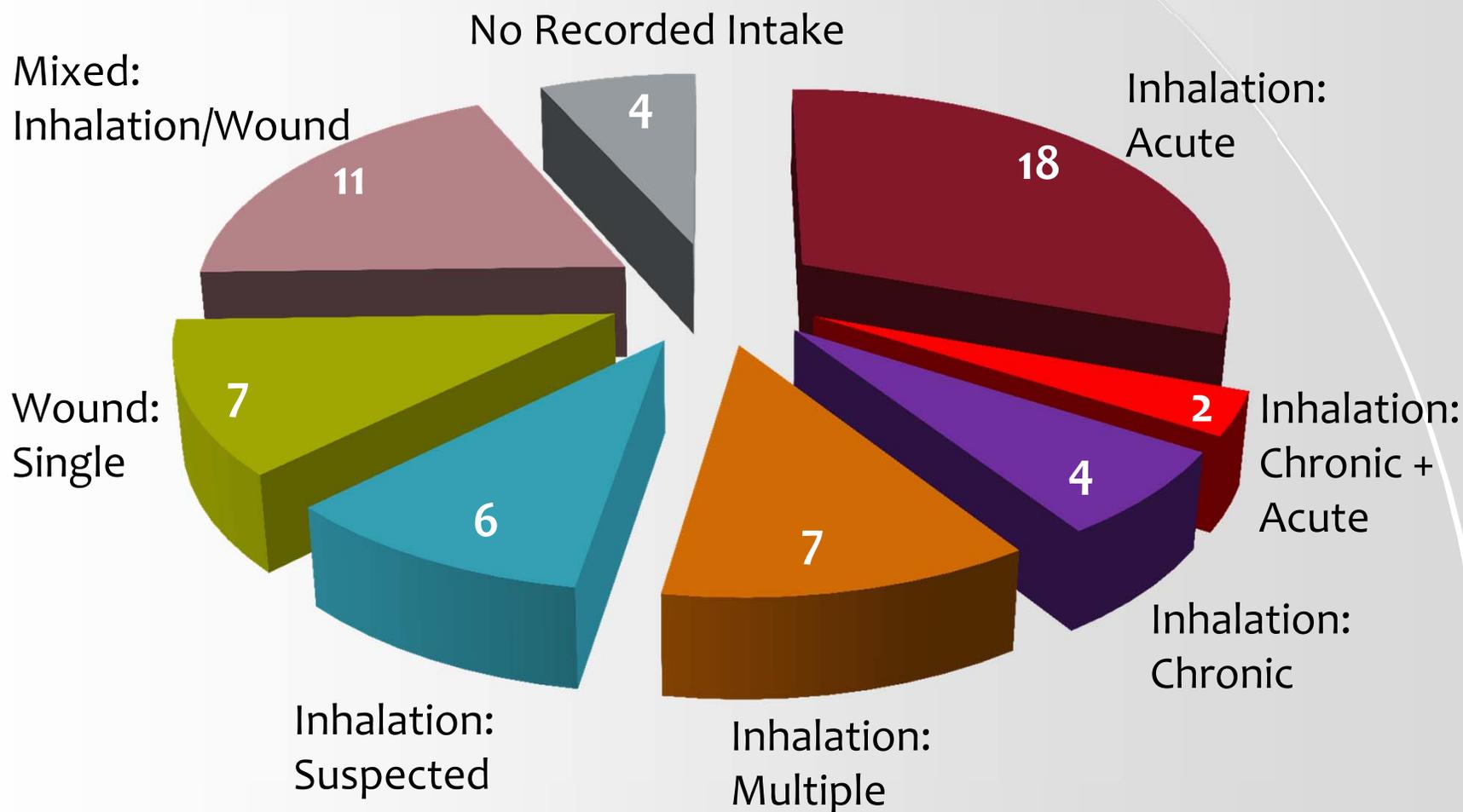
Partial-Body: 297



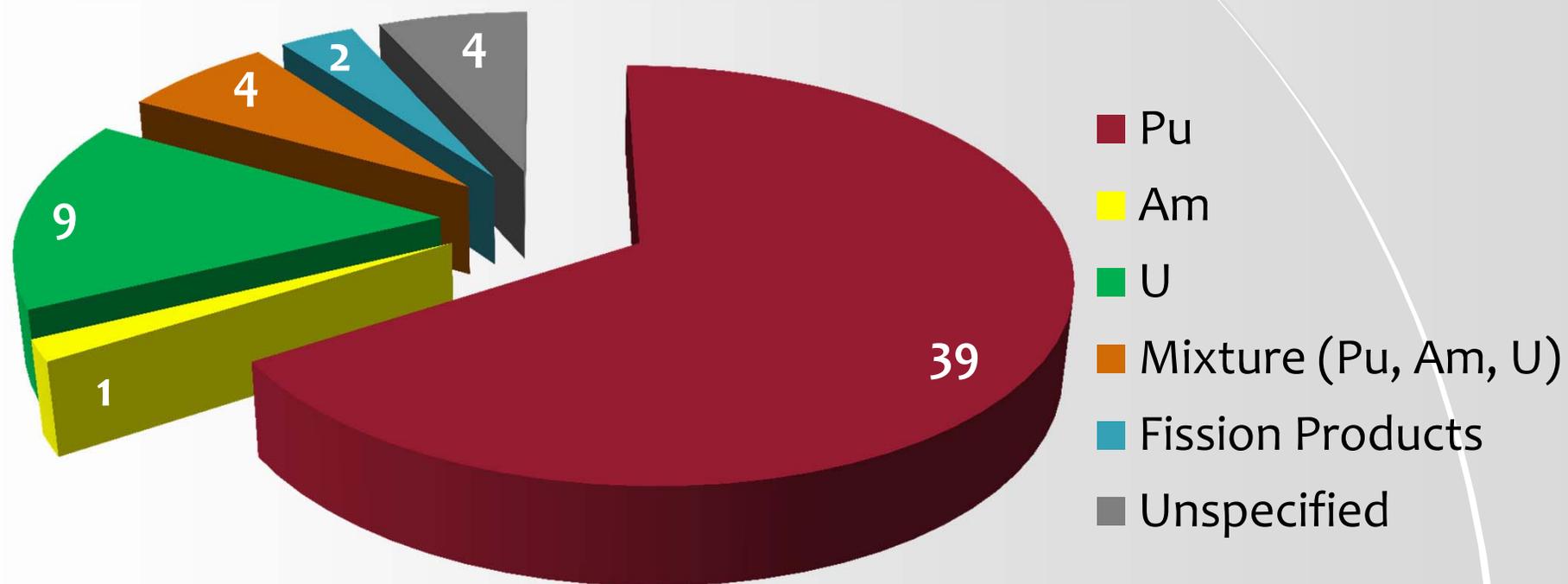
■ Complete ■ Intact



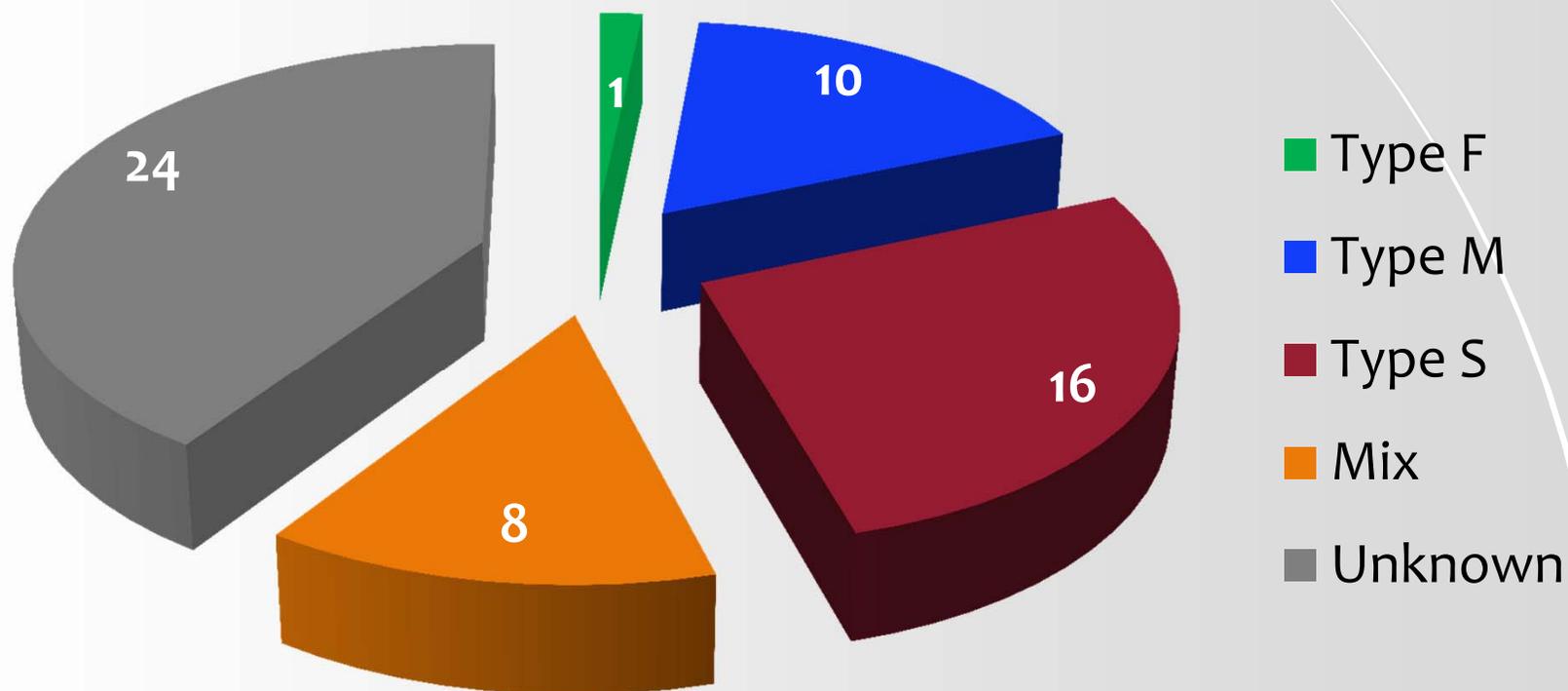
Summary by Intake Type



Summary by Contaminant



Summary by Solubility Class



Thank you for your attention *Questions?*

