

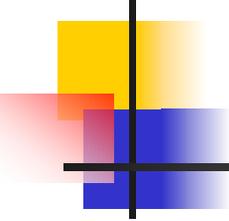
IHLC Briefing on Status of FY 2001 User Pops

February 12, 2002

Stan Griffith

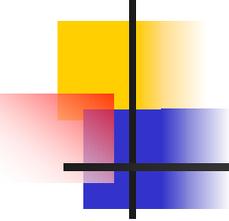
Edna Paisano

Cliff Wiggins



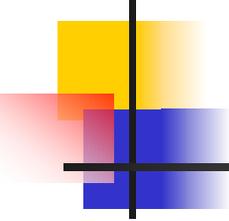
IHLC Briefing on Status of FY 2001 User Pops

- Status of FY 2001 User Pops
- FY 2001 Improvements
- How the IHLC can help
- IHLC decision point



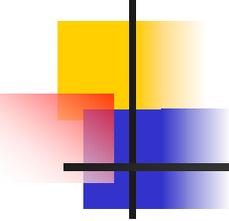
FY 2001 User Pop Milestones

- Areas completed their exports of FY98, 99, and 2000 data to NPIRS
- NPIRS produced final FY98, 99, and 2000 Workload Reports
- NPIRS has resumed regular monthly production of current year Workload Reports



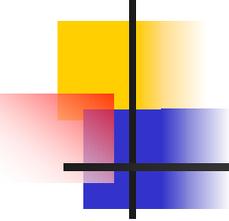
FY 2001 User Pop Milestones

- Areas installed patches and completed a comprehensive re-export of all registration data.
- NPIRS replaced their entire registration files with these data.



FY 2001 User Pop Milestones

- Areas completed their exports of FY 2001 Workload data to NPIRS
- NPIRS produced final FY 2001 Workload and User Pop Reports for Area review and Tribal consultation



Remaining Milestones

- | | |
|-----------|---|
| 2/11/2002 | Completion of Area reviews, Tribal consultation, and requests for adjustments |
| 2/27/2002 | Completion of final adjustments by HQE |
| 3/1/2002 | Release of official FY 2001 User Pop Reports |

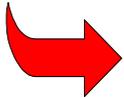
Status of FY 2001 User Pops

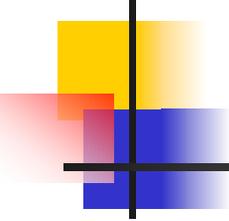


- Last spring IHS used FY98 data for resource allocation
- This spring we will use FY2001 data!!!

IHLC Briefing on Status of FY 2001 User Pops

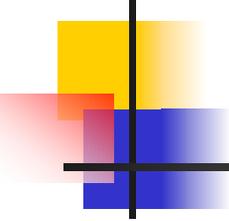
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- **FY 2001 Improvements**
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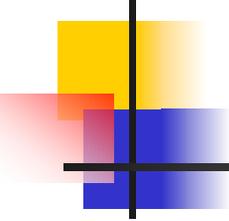
Improvements in FY 2002

- System-wide, comprehensive registration re-load
- More accurate unduplication
- Numerous software, business rules, processing improvements



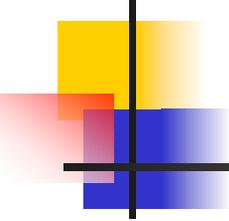
Why Re-load Registration Data?

- Over the last several years, errors have accumulated in patient registration files at NPIRS
 - Outdated data from SUs
 - Corruption of some BDs due to a system change
 - Local software error caused missing or incorrect community of residence codes



Results of the Re-load

- NPIRS patient files better mirror those at the local site
- Fewer of outdated records ↓
- BD problem resolved allowing more accurate unduplication ↓
- Fewer incorrect community of residence codes ↑

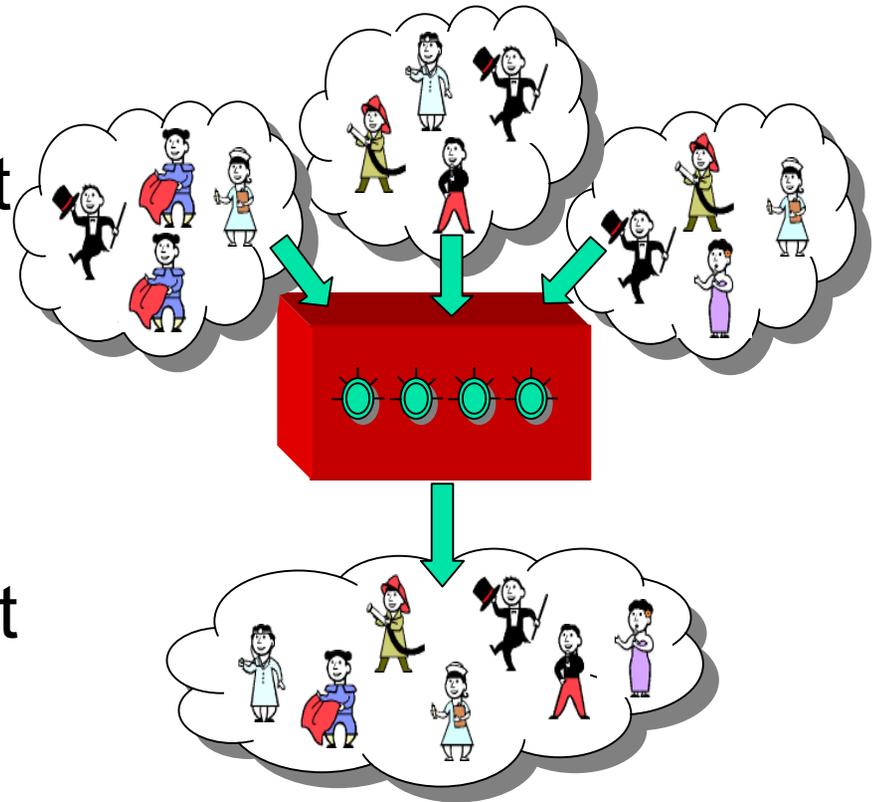


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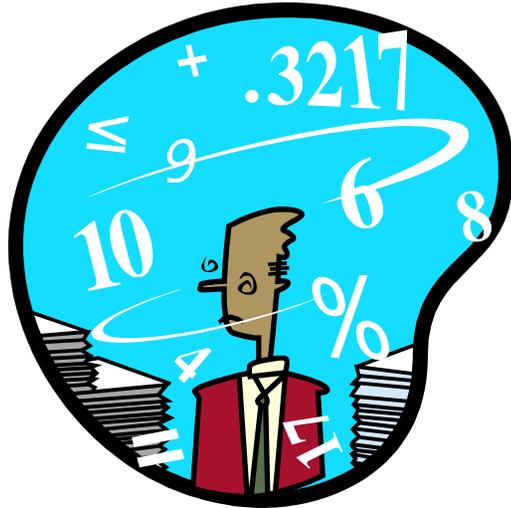
Unduplication

- CHALLENGE: Individuals use different IHS facilities and data entry variations occur among facilities.
- SOLUTION: Implement probabilistic matching.

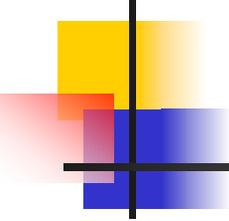


What Is Probabilistic Matching?

- Statistically-based method for identifying matches



- Allows one to use the informational content of the data in order to identify matches
- Exact logic set by OPS and the Area statistical officers



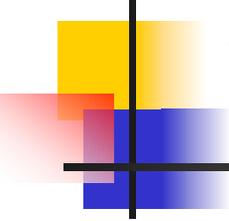
Hypothetical Examples

YAZZIE <u>JR.</u> PETER	01/13/1941	M	123-45-6789
YAZZIE PETER	01/13/1941	M	123-45-6789

GERALD CHRISTINA <u>4</u> /15/1924	F	123-45-6789
GERALD CHRISTINA <u>1</u> /15/1924	F	123-45-6789

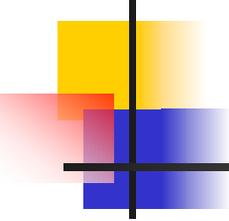
ELLIOTT GLORIA CECELIA	7/18/195 <u>9</u>	F	12 <u>3</u> -45-6789
ELLIOTT GLORIA CECELIA	7/18/195 <u>8</u>	F	12 <u>5</u> -45-6789

O'SULLIVAN EUGENE CORY	11/0 <u>3</u> /1924	M	123-45-6789
O'SULLIVAN EUGENE CORY	11/0 <u>5</u> /1924	M	



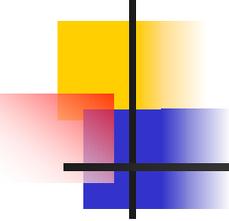
Vality's Integrity Software

- Best of breed solution – considered by many to be the best matching engine in the industry
- Legally tested and validated in court!



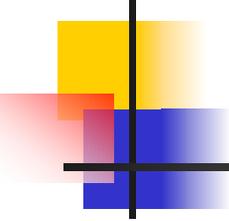
Who Uses Integrity?

- **Cancer Registries** (Alabama, Florida, Louisiana, Kansas, Kentucky, Michigan, Missouri, New Hampshire, New Jersey, Oregon, South Carolina, Texas, Utah, Vermont, Alberta, B.C., New Foundland, Nova Scotia, Ontario, Victoria, New South Wales, Ireland)
- **Public Health & Safety** (U.S. DOT-NHTSA, IRS, USDA, FDA, U.S. Consumer Product Safety Commission, U.S. Dept. of Commerce, U.S. Dept. of Health & Human Services, U.S. Dept. of Housing & Urban Development, U.S. Dept. of Labor, Center for Disease Control, Health Canada)
 - Dept of Transportation: (Kansas, N.Dakota, Hawaii, Pennsylvania)
 - Dept of Health/Human Services (Arkansas, Calif., Colorado, Connecticut, Florida, Georgia, Idaho, Illinois, Iowa, Maine, Mass, Michigan, Minnesota, Missouri, Montana, New York, N.Carolina, Nebraska, New Hampshire, New Mexico, New Jersey, Ohio, Oklahoma, Oregon, Rhode Island, Texas, Utah, Washington, British Columbia, New Brunswick, Nova Scotia, Ontario, PEI, S.Australia, Victoria, Tasmania)



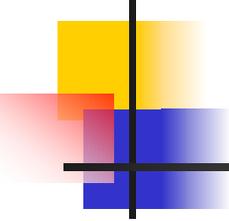
Who Uses Integrity?

- **Census, Elections, Jury, Justice, Taxation** (Census Bureau, Australian Bureau of Statistics, B.C. Statistics, Statistics Canada, Elections Canada, Victoria Electoral Commission, Connecticut Jury, Los Angeles Jury, Federal Bureau of Prisons, W.Australia Ministry of Justice, Mass Dept of Revenue, California State (Franchise Tax Board))
- **Pharmaceuticals** (Merck, Wyeth-Ayerst, Bayer, Bristol-Myers Squibb, Hoffmann LaRoche, Johnson & Johnson, Pharmacia & Upjohn, Schering-Plough, Abbott Labs)
- **Banking, Brokerage, Insurance, Manufacturing, Retail, Travel** (another 450+ leading institutions)



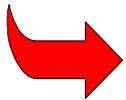
Results of Better Unduplication

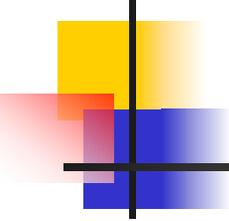
- Fewer patients counted more than once within the same Area ↓



Improvements in FY 2002

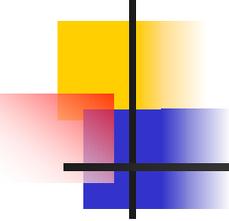
- System-wide, comprehensive registration re-load
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- Numerous software, business rules, processing improvements





Software, Business Rules, Processing Improvements

- More complete transmission of files ↑
- Improved tracking of files by Exporting Sites, Area Stat Officers, NPIRS ↑
- Correction of community and facility code problems ↑
- Improved processing of files by NPIRS ↑

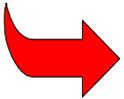


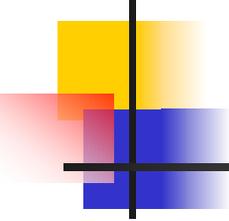
Conclusions

- Some improvements tend to increase counts, others tend to decrease counts
- All tend to increase accuracy
- Each Area/Service Unit is unique – it is hard to predict the “net impact” at any given site
- *Best way to make sure counts are accurate is to make sure all data are exported to NPIRS in a timely manner*

IHLC Briefing on Status of FY 2001 User Pops

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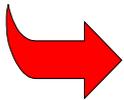


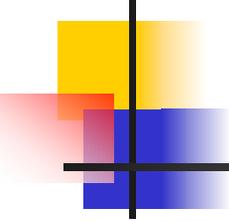
How the IHLC Can Help

- Ensure completion of Area reviews and Tribal consultation of FY 2001 User Pops
- Help us explain (and defend) the new unduplication process and the resulting lower User Pop counts compared to previous years
- Ensure the ongoing and timely transmission of FY 2002 data starting now
- Ensure the ongoing Area review of monthly FY 2002 Workloads and quarterly User Pops to identify problems early

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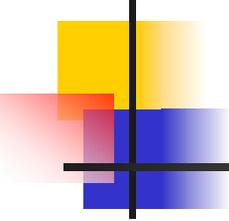
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IHLC Decision Point

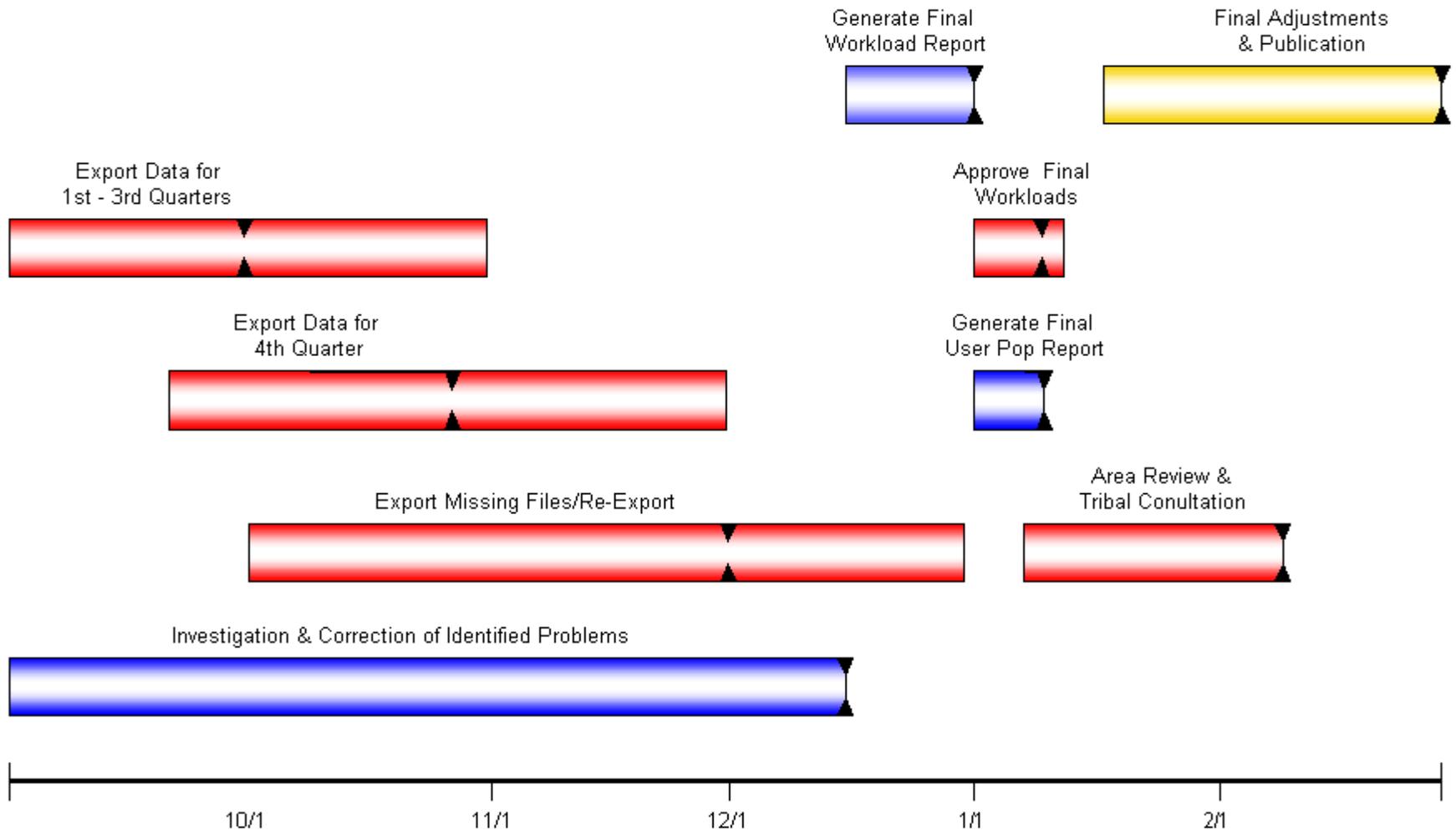
- Does the annual reference date for the official User Pop Report need to be earlier in the preceding FY so the official counts are available sooner?

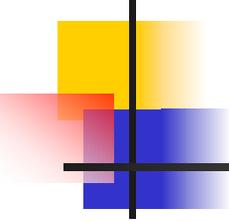


User Pop Definition

- Qualified visit within the last three years
- Community of residence within the CHSDA
- Reference point

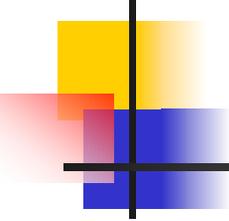
User Pop Production Timeline





Options

- If having official User Pop counts by March 1 of the next FY is sufficient, maintain the current reference date of September 30.
- If the official counts are needed by October 1 of the next FY, the reference date should be March 31 of the current FY
- If the official counts are needed by January 1 of the next FY, the reference date should be July 31 of the current FY



*OPS Handouts
& Discussion*

Edna Paisano