# Newborn Screening Activities Update

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#### <u>Alabama</u>



- 2004 Biotinidase Deficiency
  - 6 MS/MS Disorders



#### California



- 2005 Fee increase (\$60 –> \$78) Jan. 1
  - 32 MS/MS disorders (tot. 87) Summer
  - CF & Biotinidase Deficiency Later





#### Colorado



- 2004 MS/MS at University of Colorado Medical School
- 2005 Legislature to consider in July for 2006 implementation



#### Connecticut



- 2004 Increase from 5 –> 30+ Feb. 1 (May 1: added 3; fee increase to \$28; dropped 2<sup>nd</sup> sample mandate Oct 1: added 7 more Nov 1: added 7 more)
- 2005 Jan 1: Added 13 more



CF not included



#### <u>Florida</u>



- 2005 Increase from 5 –> 30+ Feb. 1
  - CF & Biotinidase Deficiency Included



#### Georgia



2005 – MCAD Deficiency Added Jan. 1



#### Indiana



• 2004 – Fee increase to \$62.50 (includes \$32.50 laboratory surcharge)





#### <u>lowa</u>



- 2004 Code Change: Birth Defects Institute to Center for Congenital and Inherited Disorder
- 2005 Begin CF Pilot in Spring
  - Move to new facility with refrigerated storage for dried blood spots



#### **Louisiana**



- 2004 Started MS/MS Pilot (Nov. 1) 5 MS/MS
   Disorders (HCY, MSUD, MCADD, CIT, ASA)
   1 CIT on 1<sup>st</sup> day and 2 MCADD in 1<sup>st</sup> Month
- 2005 Rule Change Eff. Jul. 1; Fee at least \$40





#### Michigan



- 2004 Added HCY, CIT, ASA (Oct. 1)
  - Fee increased to \$55.72 (Oct. 1)



#### **Minnesota**



- 2004 Pilot for Biotinidase Deficiency (Sept. 9)
- 2005 Added Biotinidase Deficiency (Jan. 3)





#### <u>Missouri</u>



 2005 – Will "increase from 5 to ~25 early in 2005."



#### <u>Nebraska</u>



- 2004 Lawsuit over right to dissent (currently not allowed) State won, now on appeal
  - Lawsuit over religious discrimination by allowing NICU to submit at 7 days – Injunction prohibiting collection until after day 7





#### New Hampshire



 2005 – In process of adding 4 conditions for a total of 10 – Adding CAH, BIO, MCADD, SCD – Continuing TOXO, PKU, CH, MSUD, HCY, GAL



#### **New York**



- 2004 Increase from 11 "to 31 by the end of 2004."
- 2005 "... additional expansion ... by Spring ... to 44."
- 2005 "This year ... one of the new tests will be for Krabbe Disease."

  Quotes from Gov. Pataki





#### North Carolina



- 2004 Biotinidase Deficiency (Nov. 2004)
  - Exploring possibility of adding CF



#### Ohio



- 2005 Anticipating addition of CF
  - Beginning CF validation process





#### <u>Oklahoma</u>



- 2005 Currently working on addition of CAH, CF, and MCADD
  - Fee increase expected but not yet final



#### Oregon



- 2004 Task Force convened to study and make recommendations on CF testing
  - New lab building purchased
     (relocation scheduled for 2006 combines
     public health and environmental quality)





#### <u>Pennsylvania</u>



- 2004 Added contract laboratory
  - Major staff retirements/replacements
  - Recent Stakeholders meeting to begin to reshape program



#### Rhode Island



- 2004 Advisory Committee voted to recommend, to Genetics Advisory Committee and Director of Health, expansion to recommended core group.
- 2005 Action to change Regulations currently underway for expansion.



#### South Carolina



- 2004 Expanded to 30+ Conditions (Nov. 1) (previously mandated but not screening)
  - Fee increased to \$42 (Nov. 1)



#### <u>Texas</u>



- 2004 TMA/MOD/TDH (DSHS) Organized Stakeholders Meeting (Dec.)
- 2005 NNSGRC Review (Feb./March)
  - MOD Working with Legislature (expand to all core except CF & Biotinidase Deficiency)





#### <u>Virginia</u>



- 2004 Joint Commission on Health Care voted to expand from 9 to 30+
- 2005 Will go to Legislature for Approval
  - Fee increase expected (\$32 -> ~\$50)



#### Washington



- 2004 Increased by 5 disorders (fee not currently supporting full panel of tests)
  - Began process to consider CF and to look at all others in core group.
- 2005 Legislature will consider fee increase and whether to change voluntary hearing screening program.

## Screening Changes

Alabama + BIO + 6 MS/MS Conditions

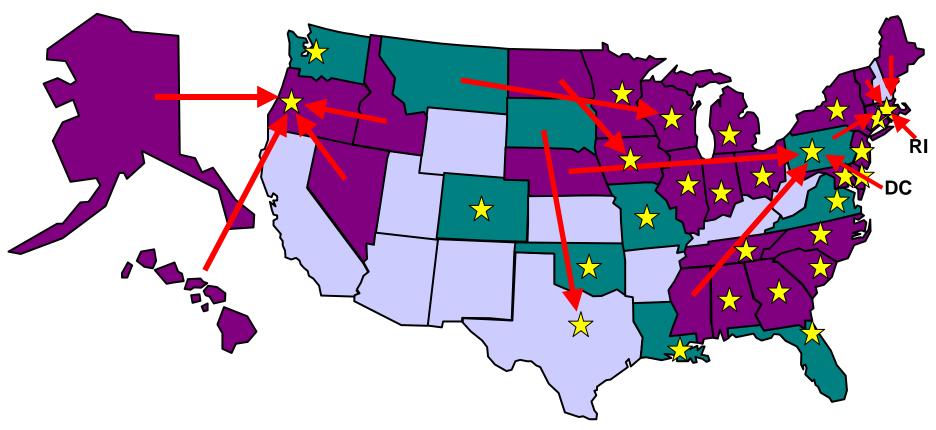
Connecticut + MS/MS beyond 3

Florida + CF + BIO + MS/MS Conditions

Louisiana
 Began pilot for 5 MS/MS Conditions

Michigan + 3 MS/MS

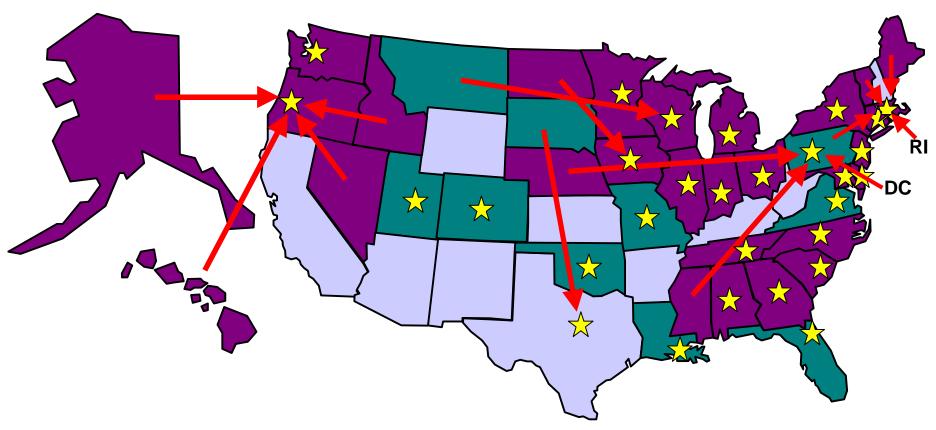
Minnesota + BIO



- States With Mandated MS/MS Testing In Place
- States With MS/MS Pilots or Optional MS/MS Testing
- Pointer to Location of MS/MS Testing Laboratory
  - Location of MS/MS Testing Laboratory



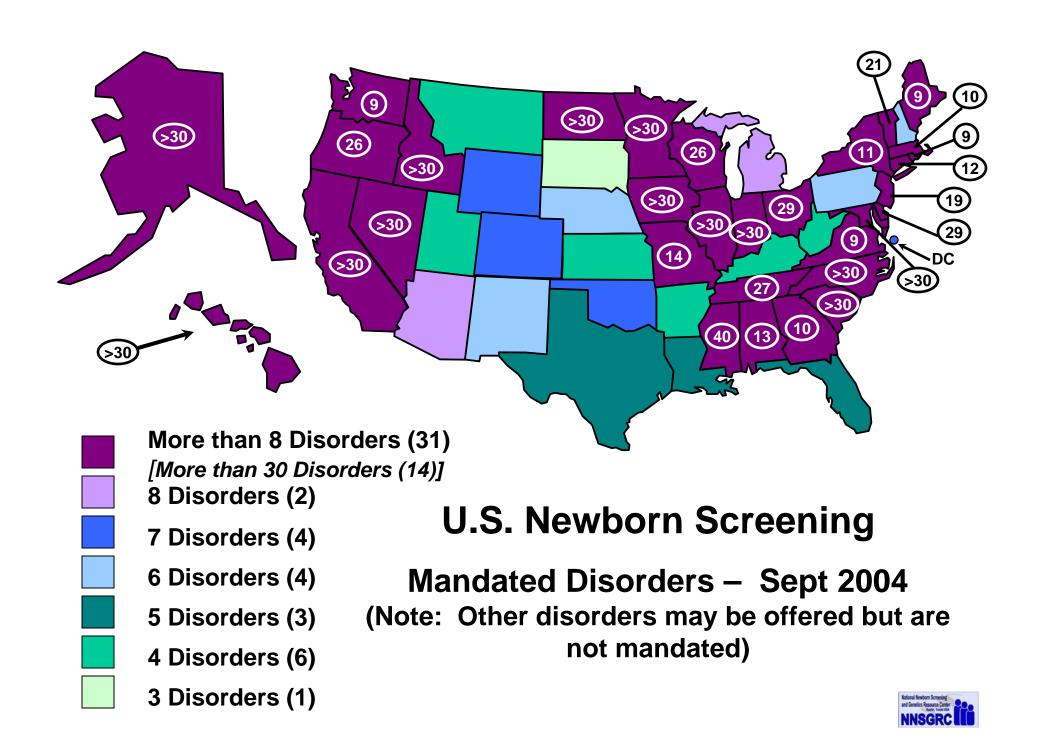


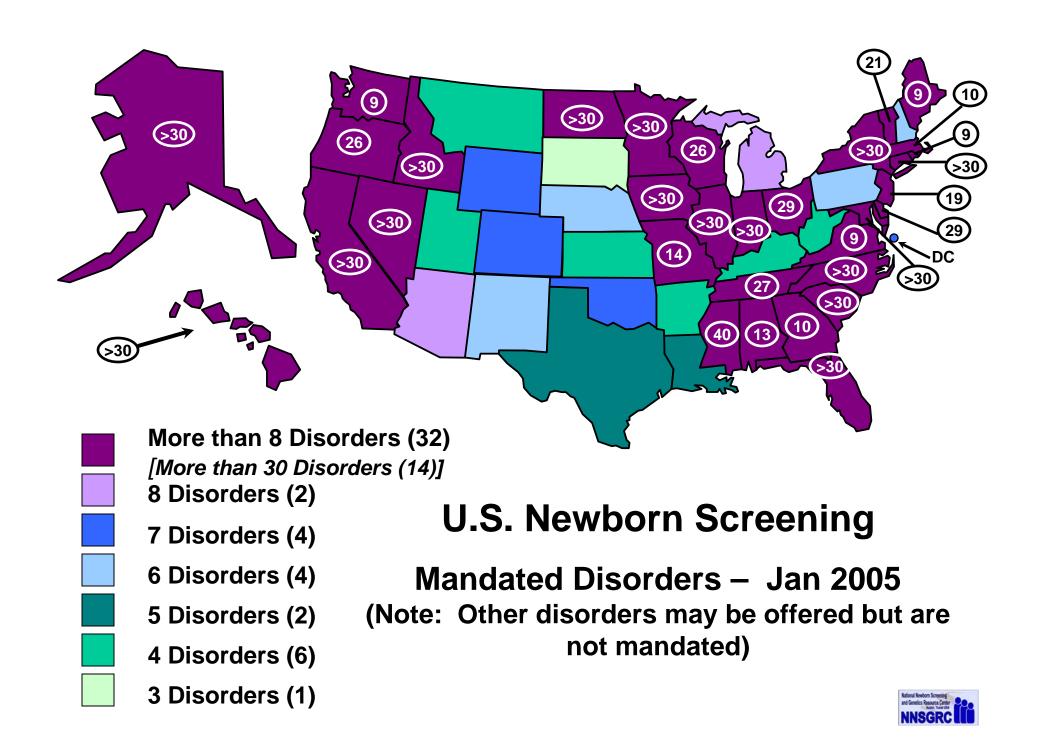


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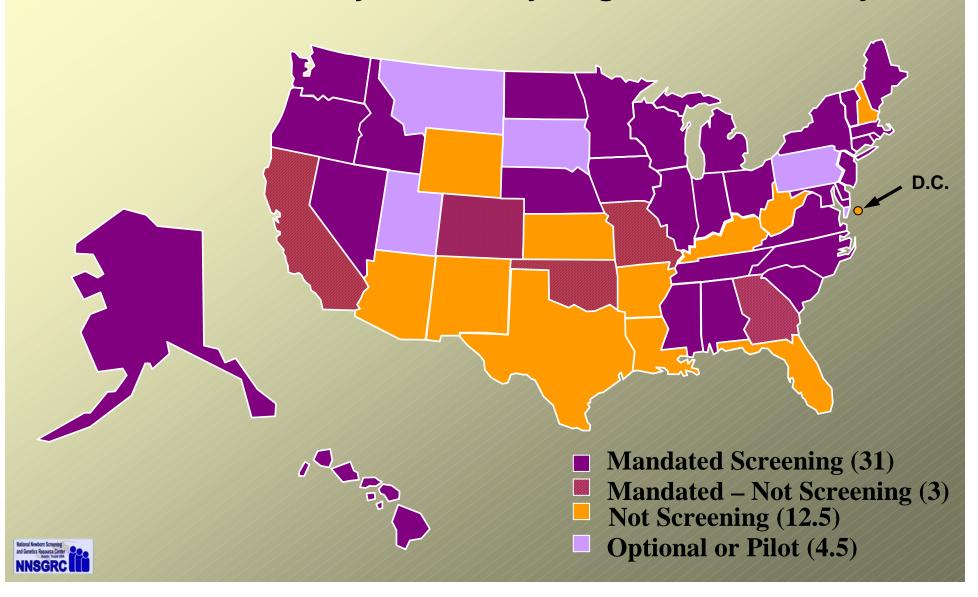






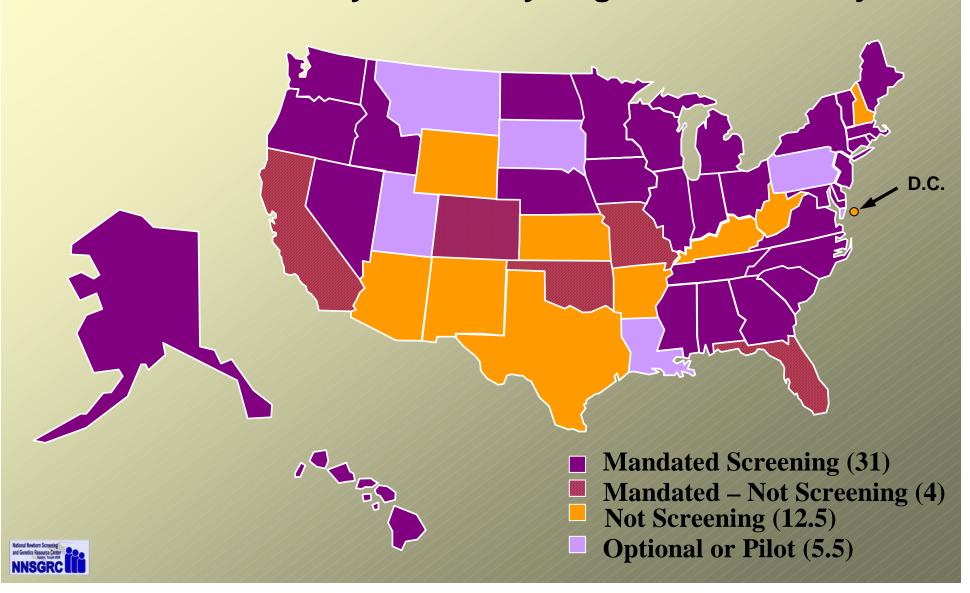
### U.S. Newborn Screening – 2004

Medium Chain Acyl-CoA Dehydrogenase Deficiency

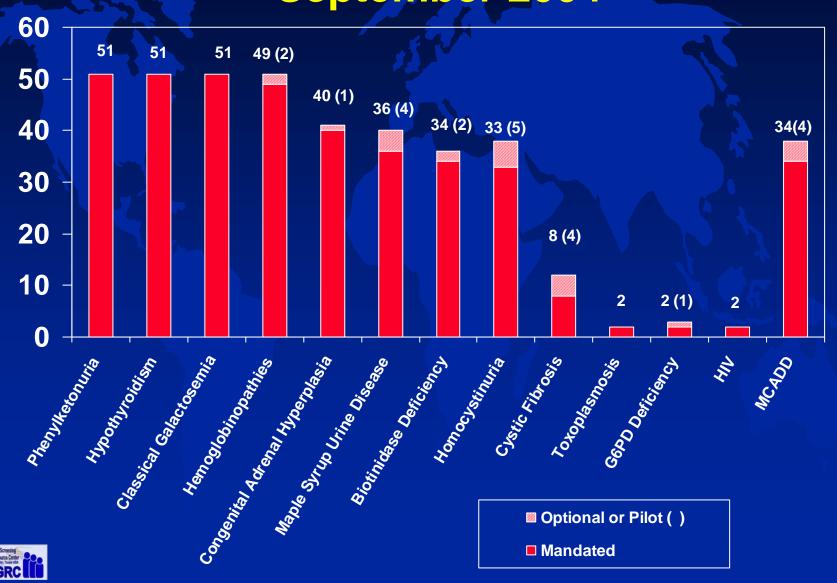


### U.S. Newborn Screening – 2005

Medium Chain Acyl-CoA Dehydrogenase Deficiency



# Disorders Screened in United States September 2004



# Disorders Screened in United States January 2005

