

## Baby's First Test: An Educational Resource for Healthcare Providers

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# Who We Are: The Newborn Screening Clearinghouse

## The Newborn Screening Clearinghouse

Increasing Newborn Screening Awareness, Training, and Education through Engagement





- Newborn Screening Saves Lives Act 2008/2014
- Based on consumer focused newborn screening projects
- One stop shop for newborn screening information and education

## Baby's First Test: What We Do

Baby's First Test houses the nation's newborn screening clearinghouse. As the clearinghouse, Baby's First Test connects parents and healthcare providers with extensive information and resources on newborn screening at the local, state, and national levels.

### We Do This By:

- ✓ Training Videos/Webinars
- ✓ Continuing Education Units
- ✓ Details on State Programs
- ✓ Information on 77 Conditions
- ✓ Educational Resources

- ✓ NBS Public Square
- ✓ Mobile App
- ✓ Consumer Task Force
- ✓ Challenge Awards
- ✓ Partnerships

#### **Newborn Screening Education** Where do you need additional support?

#### Prenatal

Tools Prenatal visits **Brochures** State/National info sites Social media Strategies Prenatal visits Social media **Partners** Advocacy/health

orgs

Insurance

providers

info sites

condition

Social Media

Doctors/Nurses

Family/Friends

#### Hospital

Tools **Brochures** Bloodspot card Newborn hospital channel Strategies Testing

#### Metabolic

Partners Post-delivery Nurses Insurance

#### **CCHD**

Partners | Post-delivery Nurses Insurance

#### Hearing

<u>Partners</u> Post-delivery Nurses Insurance

#### Out-of-Hospital

testing

Tools Brochures Bloodspot card Proper equipment

Public Knowledge

Baby's First Test/Other newborn

Newspapers/Online news sources

People with the same health

**Strategies** Testing Referrals for

**Partners** Nurses States Midwives

#### Long Term Follow Up

Tools Genetic counselors Doctors/nurses Medical home Strategies Researchers **Partners** 

States Advocacy Orgs

Genetic counselors Doctors/Nurses

#### **Healthy Baby Visits**

**Tools** 

**Brochures** State/National info

sites

Social media

Strategies

Social media

Partners Doctors/Nurses Midwives

State/National info sites Doctor's records

Normal Result

Strategies Accurate info

Tools

Partners Doctors/Nurses

Midwives

#### Home

Tools **Brochures** Discussion forums State/National info services Social media Strategies

Social Media **Partners** 

Advocacy/Health Org

#### Abnormal Result

Tools Notification phone call State/National info sites Doctor's records Strategies

Accurate info Accurate explanations by practitioners Referrals to

advocacy/testing orgs **Partners** 

Doctors/Nurses Advocacy orgs

<u>Partners</u>

Doctor/Nurses

Advocacy Orgs

Insurance

providers

Genetic

#### Confirmatory **Testing**

Tools Genetic counselors Doctors/nurses

Strategies Accurate info Referrals to

advocacy orgs **Partners** 

Advocacy Orgs

Testing companies Genetic counselors

Labs

#### Positive

**Tools** Brochures Medical info sites Discussion forums State/National info sites Social media **Strategies** Social media

Short term follow Accurate info Referrals to advocacy orgs Insurance providers

#### Negative

Tools

State/National info sites

Brochures

Medical info sites Discussion forums

**Strategies** 

Accurate info

**Partners** 

Advocacy orgs Doctors/Nurses



Resources

En Español

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## What is Newborn Screening?

Many parents are unaware of the conditions included in screening, or that it varies from state to state. Baby's First Test brings together resources to help guide parents and health professionals alike.



#### **What Your State Offers**

Every state has its own program. Learn about it.

- Select State -



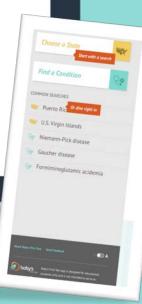


#### Find a Condition

Get information about the 77 screenable conditions.

Type a Condition





## By The Numbers

#### **37 Consumer Advocates**

Since 2012, Baby's First Test has trained 37 Consumer Task Force members across 18 states.

#### **100,000 Content Pages**

Baby's First Test has over 100,000 pages of content, including information on 77 newborn screening conditions.

#### **Over 2 Million Visitors**

Since 2011, BabysFirstTest.org has had 2 million visitors with over 2.4 million sessions and over 4.1 million page views.

#### 100% Increase in Visits

2016 brought nearly 795,000 visits from more than 660,000 users, averaging over 60,000 sessions per month and adding to the 1 million sessions on Baby's First Test since our launch in 2011.

## Most Popular

#### **Most Popular Content**

- 1. Conditions Screened by State
- 2. Homepage
- 3. Screening Procedures
- 4. PKU
- 5. (other condition pages)

#### **States**

California, Texas, New York

#### **Countries**

United States (70%)

Also: UK, Philippines, India, Canada







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#### Support for Severe Combined Immunodeficiency

ACCESSING CARE
SUPPORT SERVICES

RE |

**FAMILIES' EXPERIENCES** 

Support groups can help connect families who have a child or other family member affected with severe combined immunodeficiency with a supportive community of people who have experience and expertise in living with the condition. These organizations offer resources for families, affected individuals, health care providers, and advocates.

Immune Deficiency Foundation

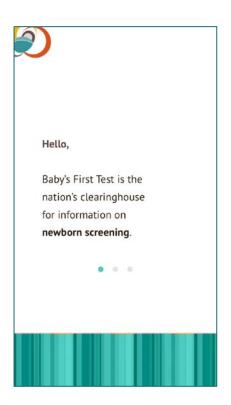
#### **REFERENCES & SOURCES**

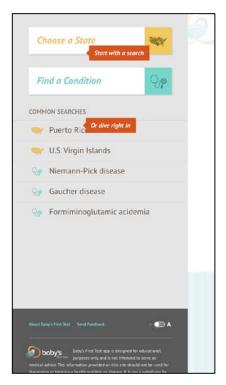
Visit the National Human Genome Research Institute for more information on SCID

## Going Mobile

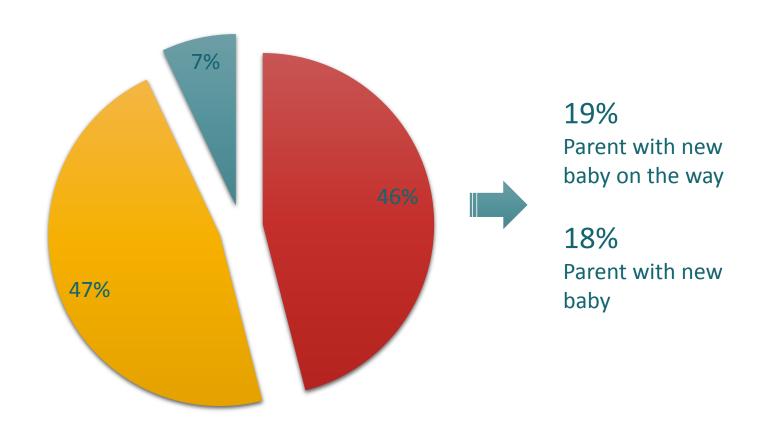
- Mobile traffic more than doubled each year
- In 2016, more than 56% of traffic came from mobile devices
- Mobile and desktop users read the same content
- States and conditions were overwhelmingly popular

The Baby's First Test mobile app for iOS launched in 2015 and an Android version launched in 2016





## Who's Visiting Baby's First Test?



■ Family Members of Newborn ■ Healthcare Professionals ■ Advocate

	n=713	%
Family Members of Newborn	332	46%
Parent with new baby on the way	138	19%
Parent with new baby	130	18%
Family member or friend of someone with new baby	50	7%
Parent with older child diagnosed with disease	14	2%
If a parent with new baby: Baby's test results	127	38% of family*
Normal (in range/no evidence of medical condition)	64	50%
Out of range, waiting for more information	17	13%
Out of range, confirmed that baby has medical condition	12	9%
Have not yet received test results	26	20%
Don't Know	8	6%
Health Care Professionals	337	47%
Health care professional	262	37%
Researcher	50	7%
Lab personnel	15	2%
State health official	10	1%
If health care professional: Specific health profession	232	69% of HC prof*
Nurse	93	40%
Physician's Assistant/Nurse Practitioner	36	16%
Genetic Counselor	30	13%
Specialist	19	8%
Pediatrician	14	7%
Medical student	10	4%
Public health dept. employee	7	3%
Family Practice Physician	5	2%
Other (phlebotomist, pharmacist, midwife, paramedic health educator, administrators, neonatologist, ob/gyn)	18	8%
Advocate	44	7%
Advocate for newborn screening	44	7%

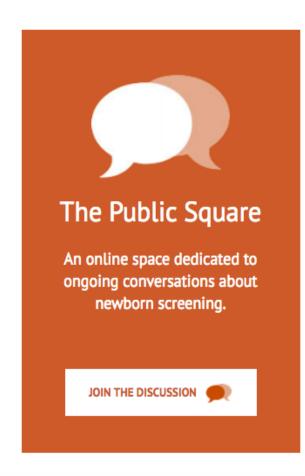
## Reasons for Visiting Baby's First Test (HC & Advocates)

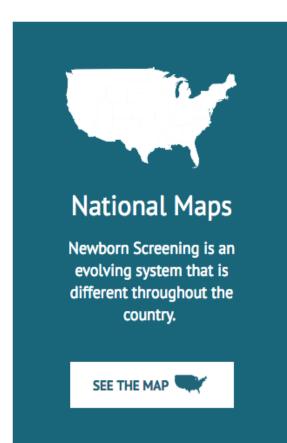
	HC Prof		Advocate		Total	
Learn About Screening Tests	n	%	n	%	n	%
Learn more about state testing available for medical conditions	221	26%	22	18%	243	25%
Compare my state requirements to other states	113	13%	19	15%	132	14%
Learn About Medical Conditions						
Get more information about a specific medical condition	90	11%	11	9%	101	10%
Get Tools For Communicating About Screening						
Get tools for communicating with parents	114	14%	10	8%	124	13%
Get tools for communicating with the public	51	6%	8	6%	59	6%
Get Current Information						
Check for policy changes	69	8%	15	12%	84	9%
Learn About Advocating For Newborn Screening						
Learn who to contact to advocate for newborn screening	36	4%	21	17%	57	6%
See if the website would be a good resource for parents	94	11%	12	10%	106	11%
Find Something Else						
Specified (find state contacts, get help evaluating results, storage of blood tests, find patient education materials, for training students, etc)	51	6%	7	6%	58	6%

Cells may not add up due to rounding, respondent refusal, or missing data

## A Resource for Healthcare Providers

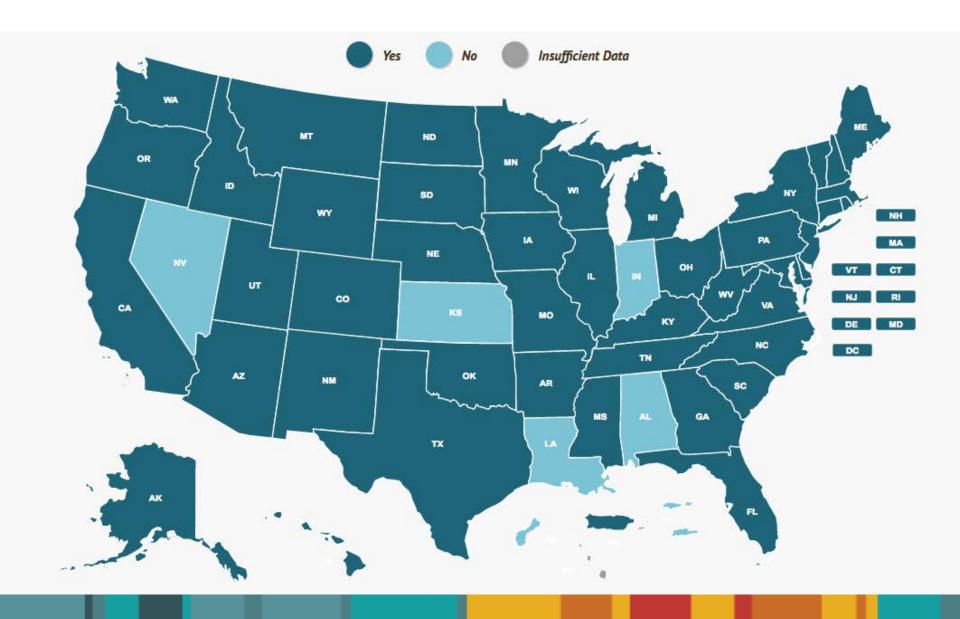
## Learn, Connect, Share







## Interactive National Map - SCID





Resources

Your State

**Find a Condition** 

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**Health Professionals** 

#### **Educational Resources**

Prenatal Providers

Pediatric Providers

Dried Blood Spot Storage and Usage

**Trainings & Materials** 

Baby's First Test has teamed up with a number of wonderful organizations and institutions to provide a wide variety of educational trainings, promotional materials and resources geared towards both parents and providers. We are always adding more things so be sure to check back! If you would like to share how you have used some of these resources in your community, please email Natasha@BabysFirstTest.org.

TRAININGS AND RESOURCES

#### In this Section:

- **▼** TRAININGS
- PROMOTIONAL
  MATERIALS
- RESOURCES FOR PATIENTS



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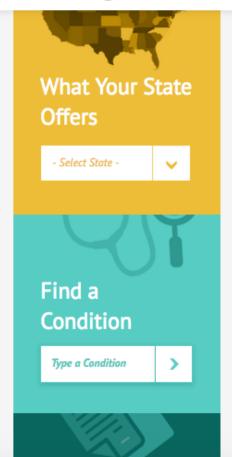
## Newborn Screening Education and Training Resources

Looking for educational materials about newborn screening? Starting in September 2016, Baby's First Test will be featuring fact sheets, videos, promising practices, and educational tools from states and organizations across the United States. Simply filter by resource type or audience, or search by keyword, to find resources that match your interest.

Interested in adding your educational resource, or not finding what you are looking for? Email resources@babysfirsttest.org for more information.

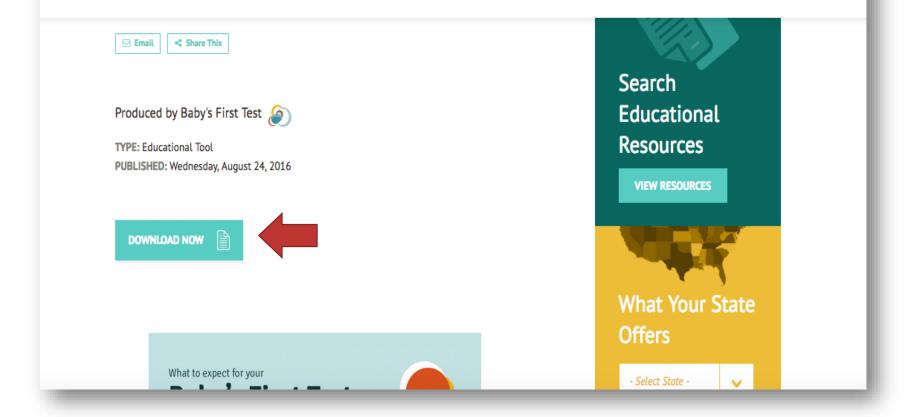
Search by keyword	>
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FILTER BY: <u>Clear Filters</u>			
Туре	Created For	Resource Key	
☐ Fact Sheet	<ul> <li>Expecting Parents</li> </ul>	٨	Created by Baby's
☐ Video	General Public		First Test
Webinar	☐ Health Professionals		Created by a State Program
☐ Educational Tool	Parents		riogiani
	☐ Policy Makers		





#### What to Expect From Your Baby's First Test Infographic



## The Public Square



The Newborn Screening Public Square is an online space dedicated to ongoing conversations about newborn screening. It's a commitment to **new ideas**, **knowledge sharing**, and **bringing together a range of communities** and experiences within newborn screening to **improve education and awareness**.





### **Anthony Steyermark**

December 30, 2016

I agree with Kimberly Noble Piper about the importance of transparency and public trust in newborn screening. A specific extension of that is at the Population Level under Carrier, where some populations / communities may have a mistrust of government health programs, which makes it critical how the message of carrier status is delivered so that it is not misconstrued.

Also, it may be worth clarifying the "NBS State" stakeholder role. There is "Impact on state services (e.g. Medicaid, public school system)?", but this may not adequately capture the resources and services that an individual needs to reach their best possible outcome. This gets to the difference between available and accessible. While the availability of healthcare services (treatment, clinicians) is considered when exploring new conditions, the accessibility of services (local/state/federal) is rarely considered, and may lead to inequities at the individual and population levels.

## Acknowledgements:

Natasha Bonhomme, Director Amelia Mulford, Program Assistant Association of Public Health Laboratories (APHL) Colorado School of Public Health Health Resources and Services Administration (HRSA)

## Learn More

Visit BabysFirstTest.org for more information

