

SAN JUAN BASIN HEALTH

2012 Annual Report

**Public Health:
Saves
Lives,
Saves
Money**



Take a moment and think of a time when an acute illness or chronic health condition impacted you or a loved one. How did it affect you physically, emotionally and financially? The public health system, from a federal level to a local level, plays a critical role in both your health and the overall health of our community. Public health does save lives and money. This year's Annual Report provides examples of how San Juan Basin Health makes an impact as a part of a larger public health system.

To accomplish this, we actively seek partners with local agencies, private entities and stakeholders. We search for funders that align with our organization's ability to protect human and environmental health and inspire well-being. In 2012, San Juan Basin Health successfully applied for almost \$1 million in new funding from partners inside and outside of Southwest Colorado. These investments in your Public Health agency are paying dividends! While better health saves lives and money, it also provides each of us the opportunity to enjoy a better quality of life and live longer.

Joe Theine, Director

www.sjbhd.org

Every \$1 invested in nurses partnering with families = \$5.70 saved¹

There's a net benefit to society of \$34,148 per high-risk family served with a nurse home visitor from the Nurse Family Partnership (NFP). There's life-changing benefits as well - NFP lets first-borns with low income parents get a safe and healthy start on life. It improves language development. It reduces crime, substance abuse, child maltreatment, pre-term births, associated special needs, and infant mortality.

DID YOU KNOW that our NFP nurses worked with more than 60 families in La Plata and Archuleta counties during 2012?



Our Nurse Family Partnership nurse measures baby with mom during home visit

Food-borne illness affects 48 million Americans every year,² resulting in 128,000 hospitalizations and 3,000 deaths. Local health departments are critical to preventing and mitigating food-borne illness by helping to ensure:

- Food is safe to eat at home, at community events, in restaurants, and in schools.
- Food-borne disease is investigated, detected, and contained.

DID YOU KNOW that we inspected 715 food establishments in La Plata and Archuleta counties, trained 137 food handlers in food safety, and investigated 10 food-borne illnesses in 2012?



Our Environmental Health staff trains local food handlers and managers in food safety

Every \$1 spent on a pregnant woman in WIC (Women, Infants & Children) = \$4.21 saved³ in Medicaid costs

If U.S. breastfeeding rates increased to at least 50% at 6 months, **\$3.6 billion would be saved⁴** Participation in WIC's prenatal program is associated with an increased rate of breastfeeding initiation and improved breastfeeding duration rates.

DID YOU KNOW our WIC Breast-feeding Peer Counselors supported 150 moms in 2012 and our program served an average of 1075 participants per month?



Child with a strawberry and broccoli during her mom's visit to our WIC office

Routine childhood immunizations save 33,000 lives; prevent 14 million cases of disease; and saves \$9.9 million⁵ in direct health care costs. **DID YOU KNOW** that we provided more than 2,000 childhood immunizations in 2012?



Our staff provides educational outreach on FLC campus about birth control, unplanned pregnancy and STDs

Every \$1 invested in helping women prevent unplanned pregnancies = \$4 saved⁶

(in Medicaid expenditures). Over 27,000 unintended pregnancies are prevented each year in Colorado as a direct result of state family planning services. Averting unintended pregnancies greatly reduces health and welfare costs.

DID YOU KNOW that we had 1,500 family planning related visits in 2012?



The cost per human life saved from rabies ranges from \$10,000 to \$100 million⁷ depending on the nature of the exposure and the probability of rabies in a region. Our regional epidemiologist provides rabies risk assessments to individuals who have had contact with a suspect rabid animal either themselves or via their pet.

DID YOU KNOW we provided dozens of rabies risk assessments in 2012, sent 19 animals to the state laboratory for rabies testing and recommended Post Exposure Prophylaxis (preventative treatment) for seven individuals?

Our communicable disease nurse prepares bat for sending to State of Colorado lab for testing

\$43 million in savings in just one year in Colorado⁸

Providing Home and Community Based Services (HCBS) has the dual benefit of slowing growth in Medicaid institutional care spending while improving consumer choices. **DID YOU KNOW** that the our HCBS program assisted 340 clients in 3 counties in 2012 - preventing nursing home placement and allowing these individuals to remain in their home as independent as possible?



Our HCBS Case Manager with a client in his home



Our Care Coordination Nurse during Children's Clinic

Saving travel costs and challenges for families with children with special health care needs

DID YOU KNOW that we provided care coordination and specialty clinics serving the needs of 155 children with special health care needs in 2012 for families in La Plata, Montezuma and Archuleta counties? We coordinate and host quarterly neurology and rehabilitation clinics so that local families don't incur the many financial, logistical and other challenges of going to Denver for care.

SAN JUAN BASIN HEALTH 2012 ACCOMPLISHMENTS

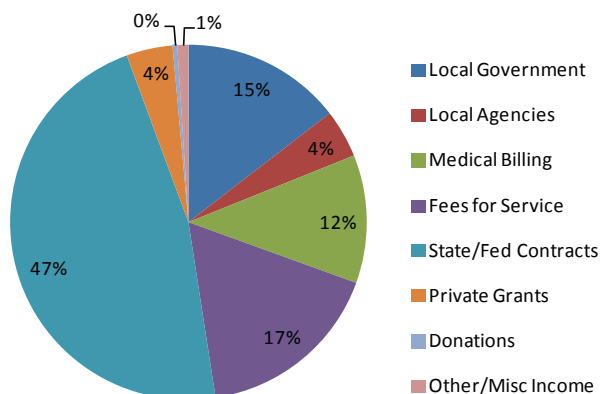


Community meeting in Pagosa Springs voting on health priorities

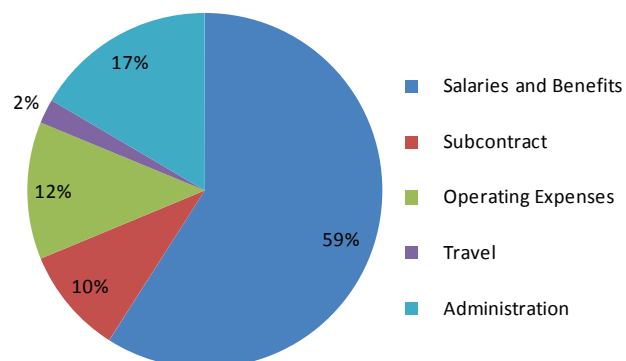


Boys & Girls Club members volunteer to work on Smoke-Free Parks radio ads. Youth worked 3 years as our partner to pass ordinance

- ◆ **Community Health Assessment and Health Priorities**
Completed a community health assessment and prioritized health issues (included online survey, community discussions, data collection). These lay the foundation for completing our Public Health Improvement Plan in 2013. More information at: sjbhd.org/communityhealth.
- ◆ **San Juan Basin Health received several highly selective grants** in 2012, including funding to start a worksite wellness program for area businesses and the federal Drug Free Communities grant (awarded to only 34 communities nationwide), received in part because of 20 years of building strong local partnerships working for a healthier community.
- ◆ **Smoke-free Parks, Playground, Animas River Trail & Bus Stops ordinance** enacted by Durango City Council in December 2012 - ensuring clean air for all in these city-owned environments and changing community norms.
- ◆ **Awards** - Outreach Nurse program received one of two National Awards from the National Association of County Human Service Administrators as a model that successfully filled a critical gap among the elderly in hard-to-reach locations; Recognition Award from National Association of County and City Health Officials for ability to respond to public health emergencies; recipient of a national Frankie Award recognizing innovative and effective use of National Diabetes Education materials and resources.



Total Revenues: \$4,997,639



Total Expenditures: \$4,861,963

Public Health Services Provided in 2012:

Children's Dental Program served:	1600
Immunizations given:	4838
New septic system permits issued:	174
Notable disease investigations:	102
Nurse-Family Partnership home visits:	1042
Radon Test Kits distributed free:	392
Restaurant Inspections:	715
Reproductive Health Services visits:	3560
Vital Statistics (Birth & Death Certificates)	4978
Water Tests (drinking & wastewater):	6000
WIC Food Vouchers (total value):	\$616,230

Board of Health:

Bob Ledger, Chair, La Plata County
 Shere Byrd, La Plata County
 Brad Cochennet, Archuleta County
 Karin Kohake, Archuleta County
 Bob Lieb, La Plata County
 Michael Whiting, Archuleta County
 Bill Willson, La Plata County

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Administration:

Joe Theine
 Director
 Edwin Ellis
 Human Resources Director
 Patsy Ford
 Health Programs Director
 Liane Jollon
 Health Services Director
 Jane Looney
 Communications Director
 Lesley Marie
 Administrative Services Director
 Pat Senecal
 Health Policy & Systems Director

Notes:

1. Rand Corporation 2005 Analysis
2. National Association of County & City Health Officials (Factsheet; April 2013)
3. Montgomery, D., and P. Splett, "Economic Benefit of Breast-Feeding Infants Enrolled in WIC," Journal of the American Dietetic Association, Vol. 97
4. Weimer J. *The Economic Benefits of Breastfeeding: A Review and Analysis*, U.S. Department of Agriculture, Economic Research Service. March 2001
5. CDC Fiscal Year 2011 President's Budget Congressional Justification
6. Frost JJ, Henshaw SK and Sonfield A, *Contraceptive Needs and Services*, National and State Data, 2008 Update; New York: Guttmacher Institute, 2010
7. *Public Health Importance of Rabies* factsheet, Colorado Department of Public Health & Environment
8. Lewin Group study cited in *Taking the Long View: Investing in Medicaid Home & Community Based Services is Cost Effective*; AARP Public Policy Institute

Special thanks to Jefferson Co. Public Health for permission to use public health tree image

San Juan Basin Health's MISSION:

PROTECT Human and Environmental Health

Ensuring safe food in restaurants and schools

Preventing injury and disease in adults and children

Stopping the spread of disease

Decreasing drug, tobacco & alcohol abuse



INSPIRE Well-Being in our Community

Assisting individuals in attaining the tools and access they need to become healthier, create healthy families and to age well

Advocating for policies that support healthier responsible behaviors

Promoting health & reducing obesity

Providing education and resources to our community

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HEALTH
DEPARTMENT

Copies of this annual report are available free of charge. Call 970-247-5702 or download at:

www.sjbhd.org