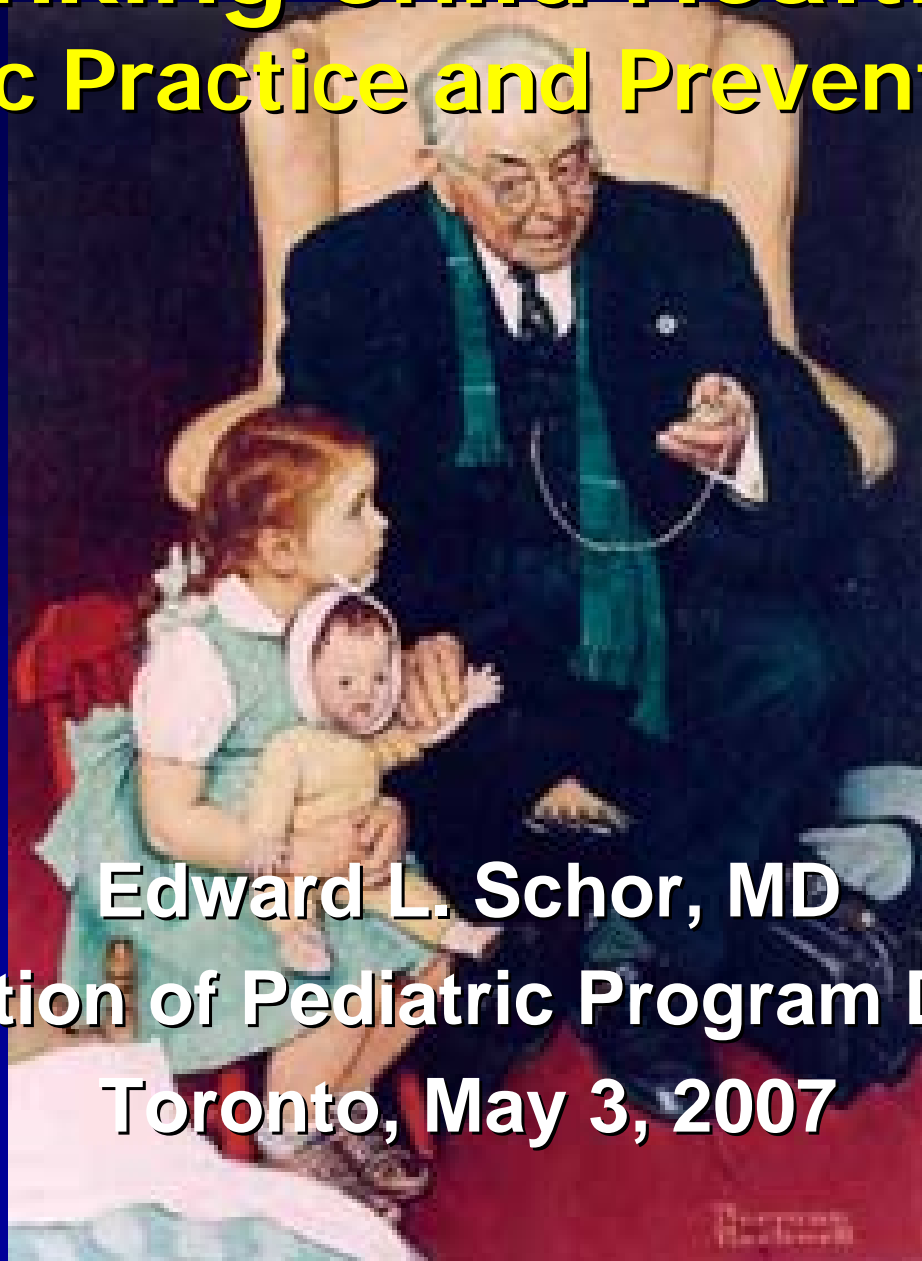


Rethinking Child Health Care

Pediatric Practice and Preventive Care

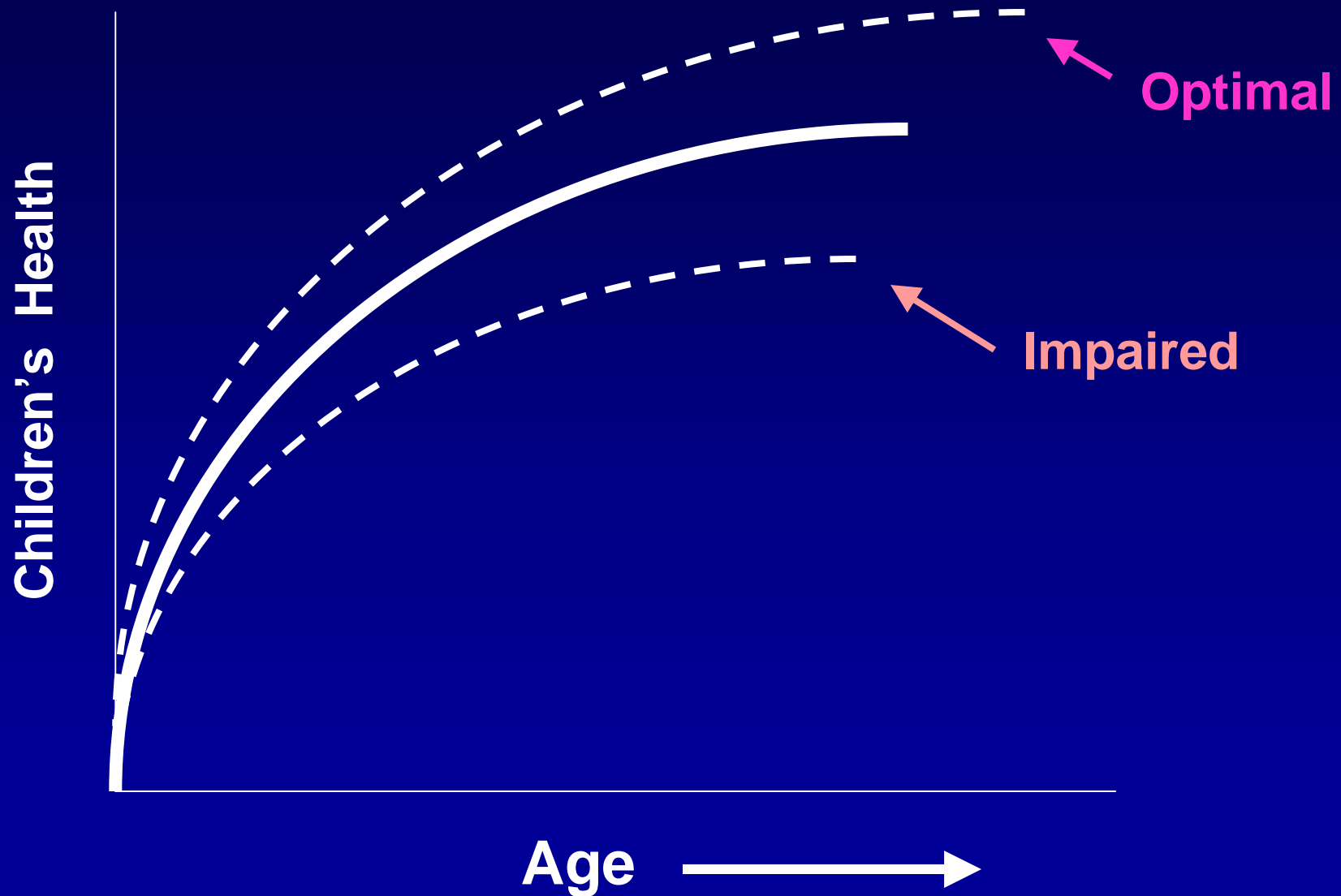


Edward L. Schor, MD

Association of Pediatric Program Directors

Toronto, May 3, 2007

Trajectory of Life Course Health and Development



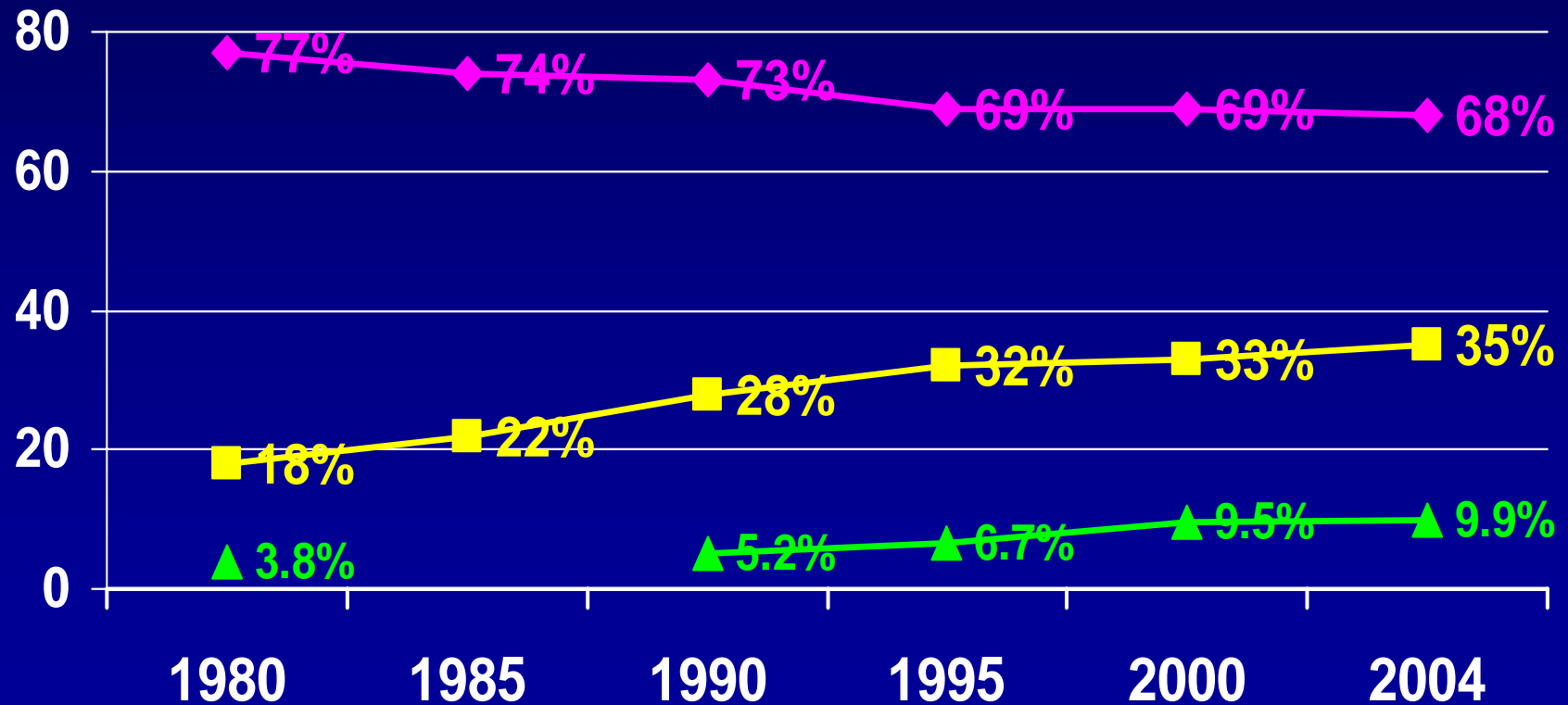
Children in Poor Health ...

- Do less well in school
- Complete fewer years of school
- Have poorer adult health
- Have lower earnings as adults

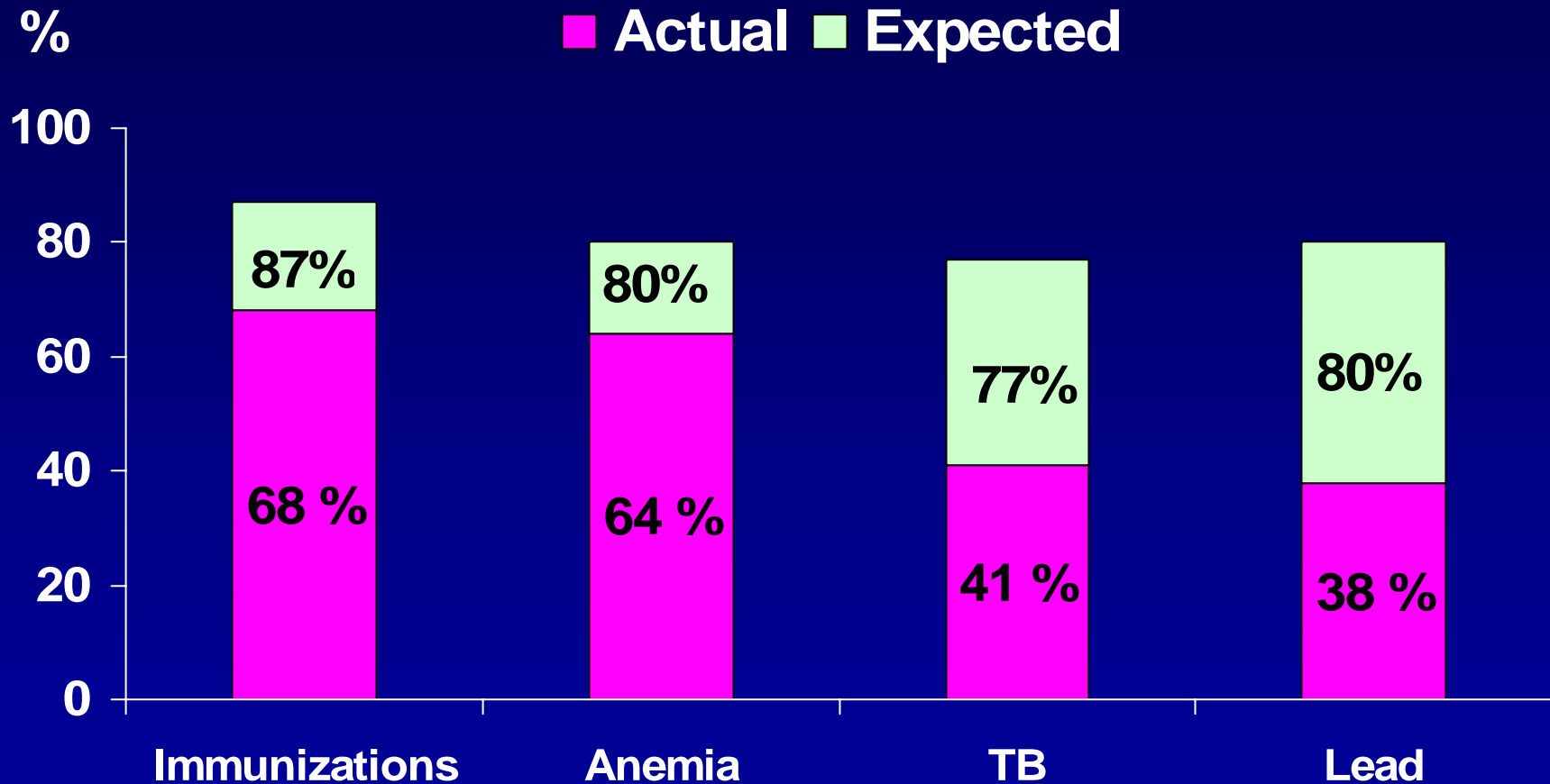
PC Belli, F Bustreo, A Preker. Bulletin of the WHO,
2005;83:777-784

Trends in Children's Life Circumstances

- ◆ 2-Parent Households
- Unmarried Births
- ▲ Foreign Language at Home



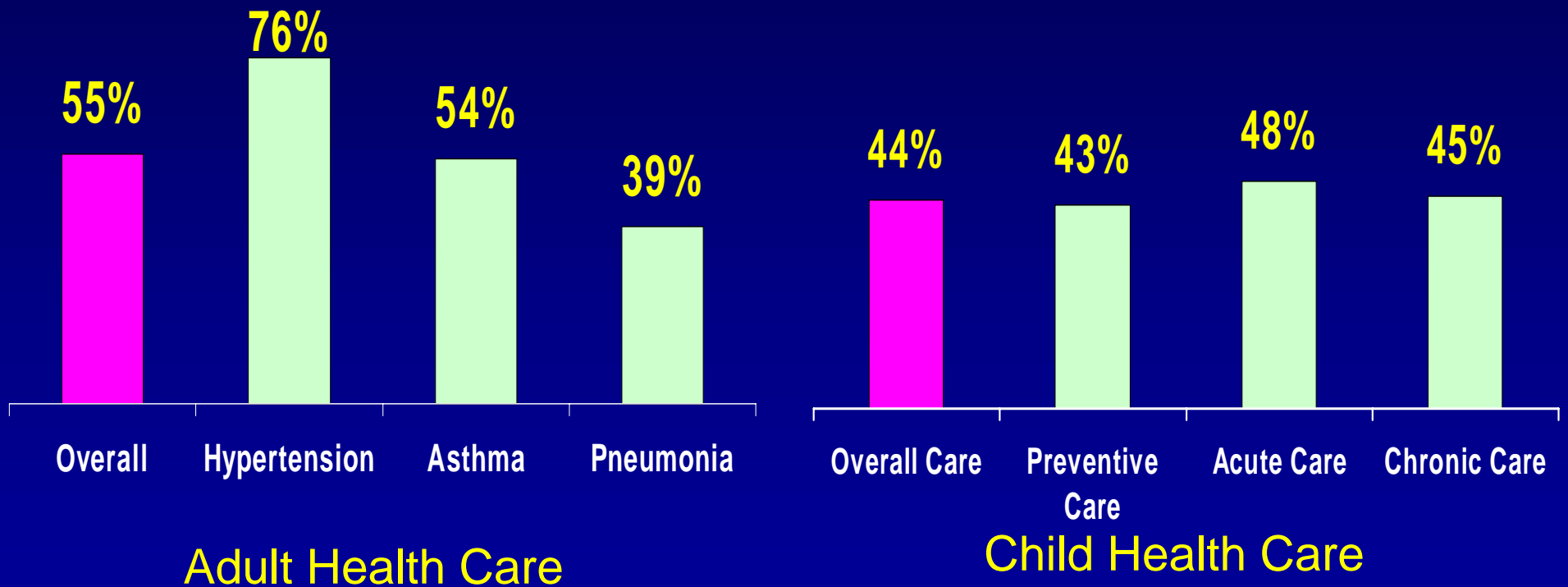
Overestimating Preventive Services Rates in Practice



Randolph et al, Pediatrics 115:1704-1711, 2005

Quality of Health Care for Adults and Children

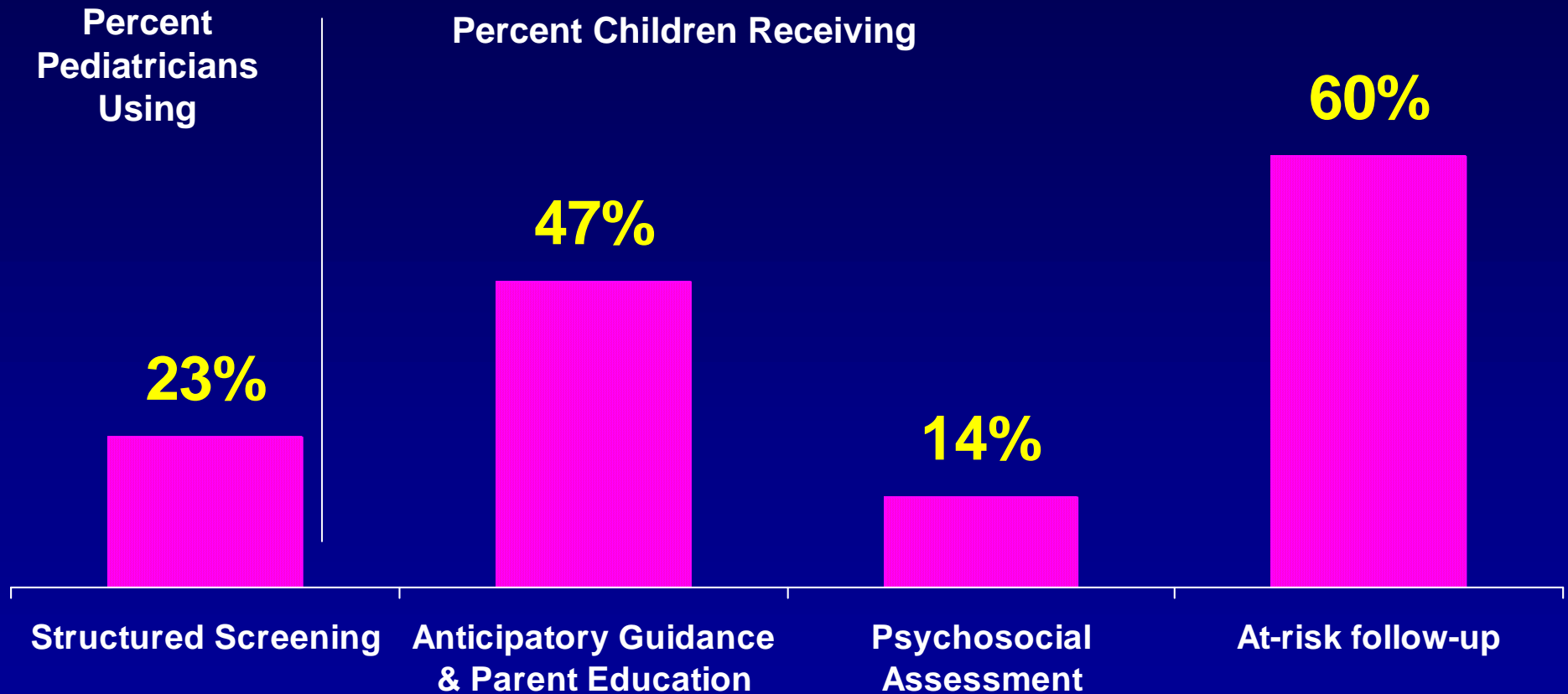
Percent of Recommended Care Received



McGlynn et al., NEJM 2003; 2635–2645

Mangione-Smith, et al, RAND, 2006

Much Room to Improve the Quality of Preventive and Developmental Services for Children 0-5 Yrs.



Sources:

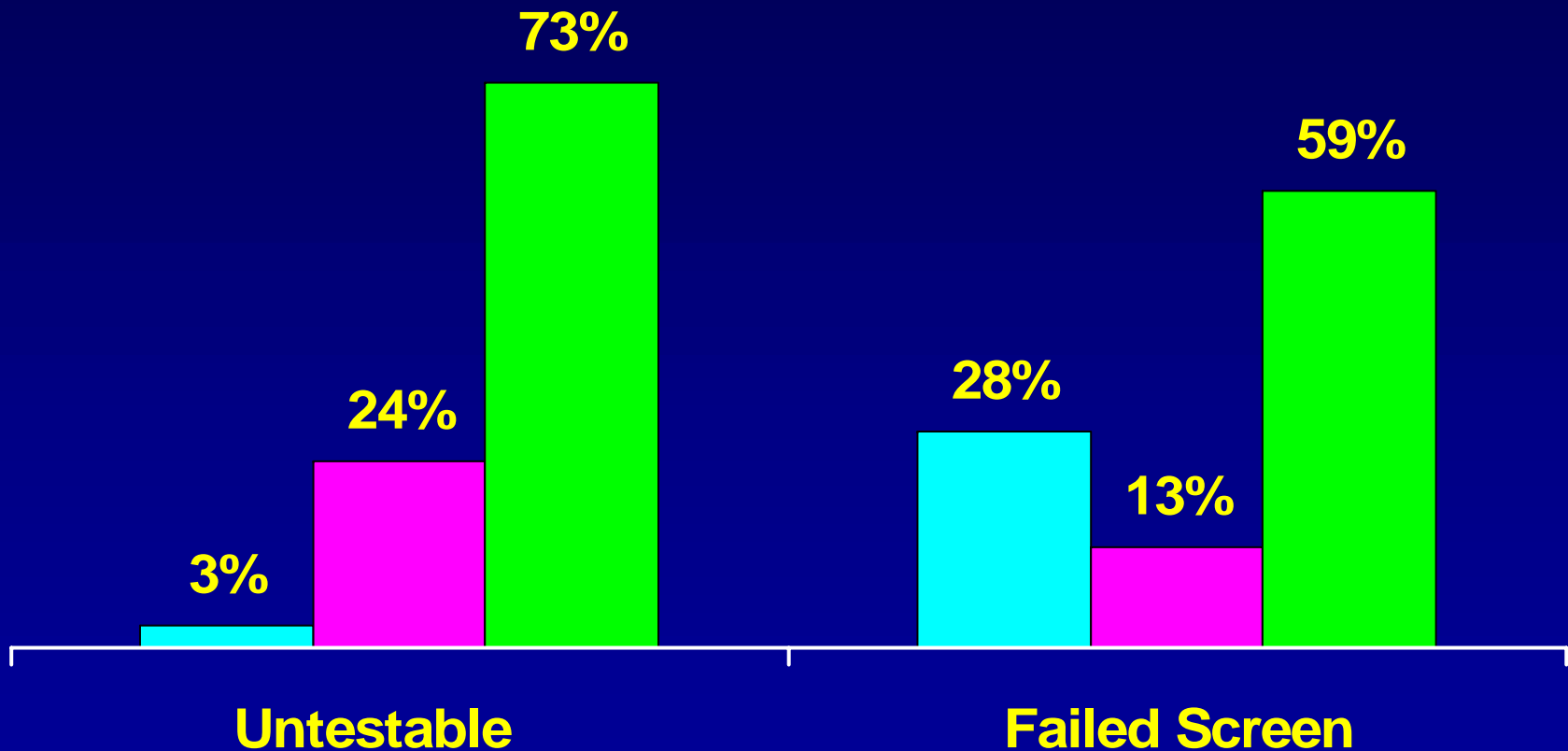
National Estimates of the Level and Quality of Services for Young Children Christina Bethell, et al., 2002. (National Survey of Early Childhood Health)

Care Coordination: National Survey of Child Health, 2003.

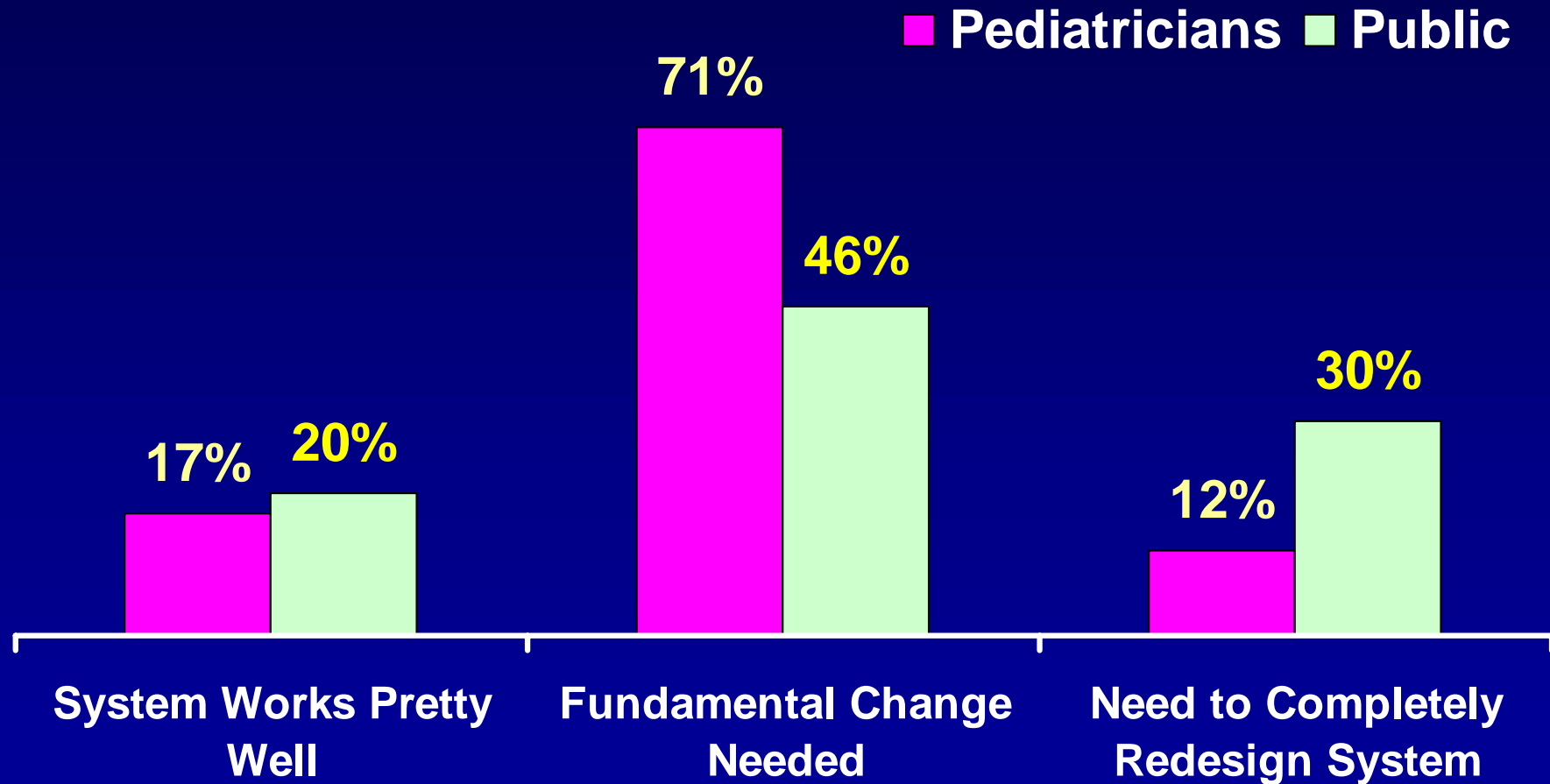
Screening: AAP Periodic Survey #53, 2002

Actions Following Hearing Screening at Well Child Visits

■ Referred ■ Recheck Scheduled ■ No Action



Opinions of the U.S. Health Care System

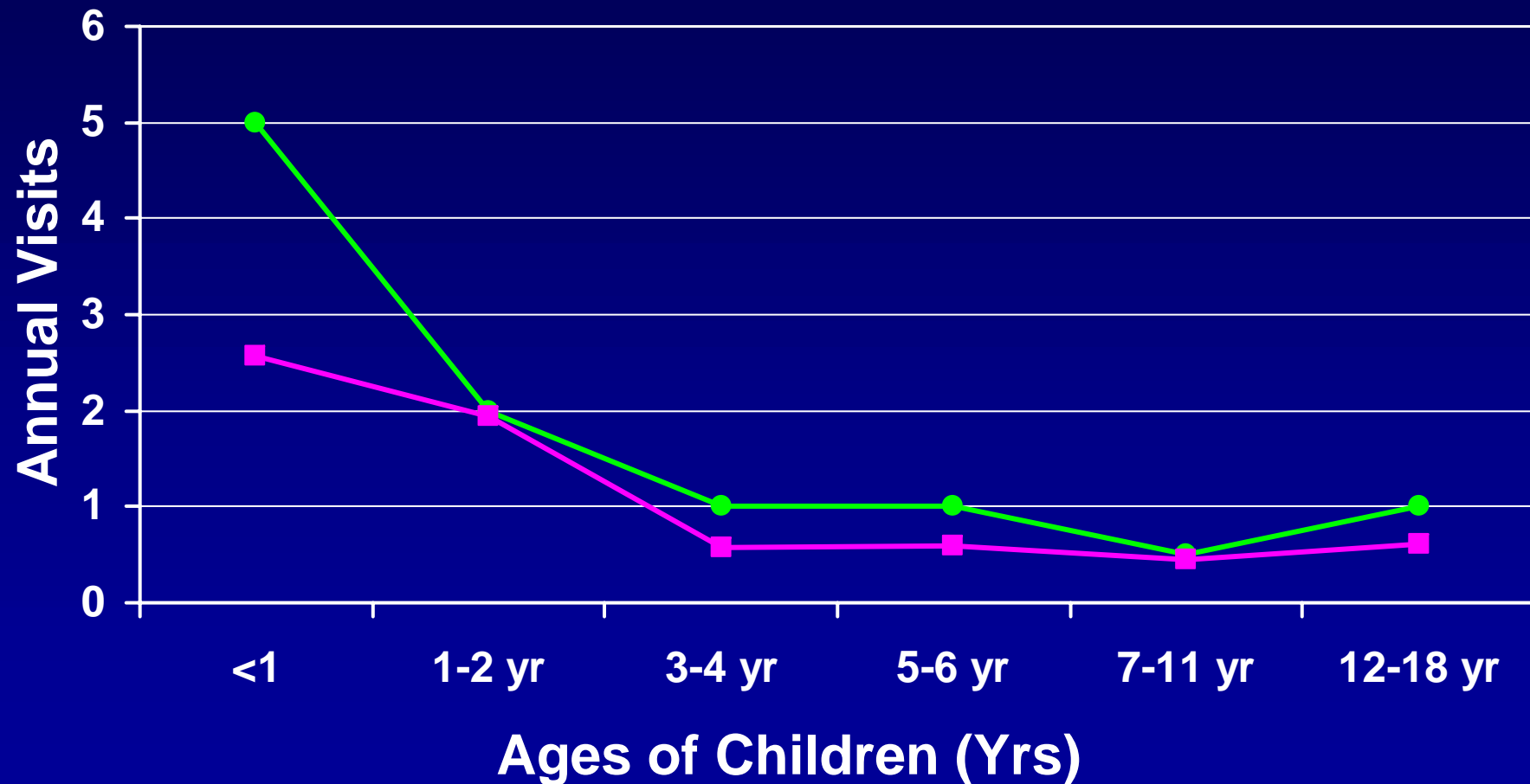


Source: 2006 Commonwealth Fund International Health Policy Survey of Primary Care Physicians, and 2006 Commonwealth Fund Survey of Public Views of the U.S. Health Care System

Child Health Care Utilization

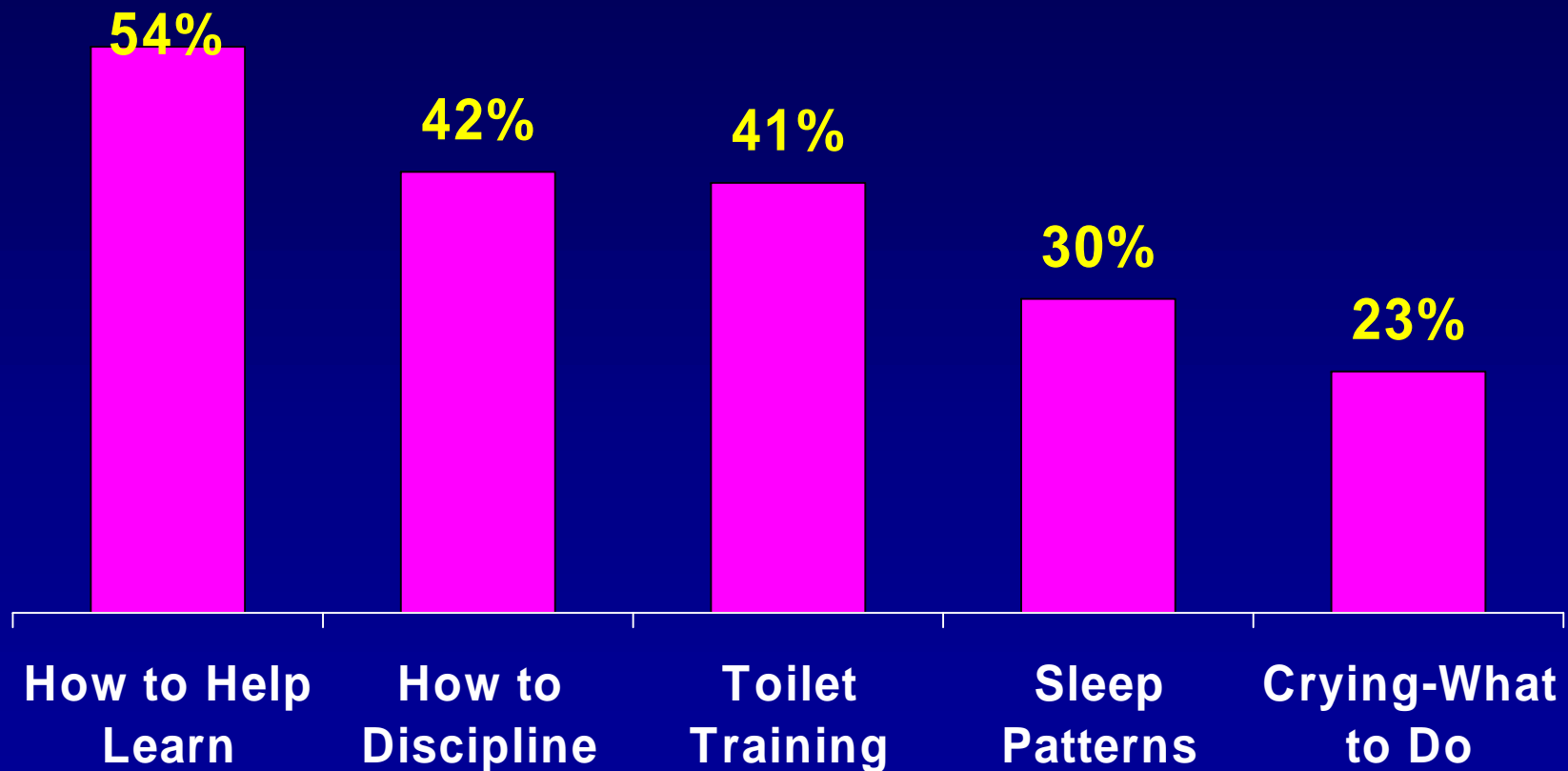
Medical Expenditure Panel Study 2000

—●— Recommended Well Visits* —■— Well Visits

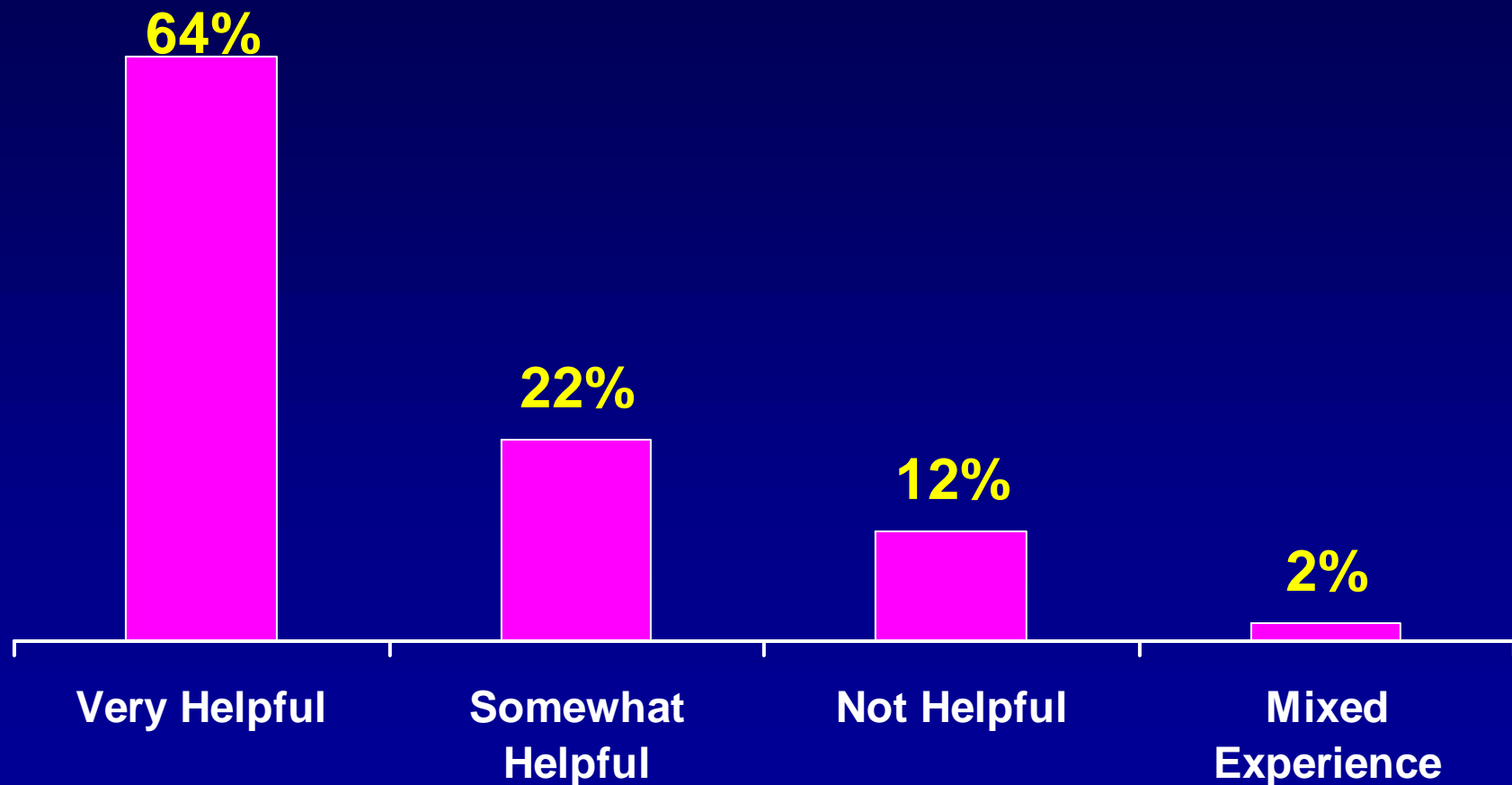


*American Academy of Pediatrics' Committee on Practice and Ambulatory Medicine. Recommendations for Preventive Pediatric Health Care, Pediatrics, March 2000; 105: 645-46.

Percent of parents who want more specific information on:

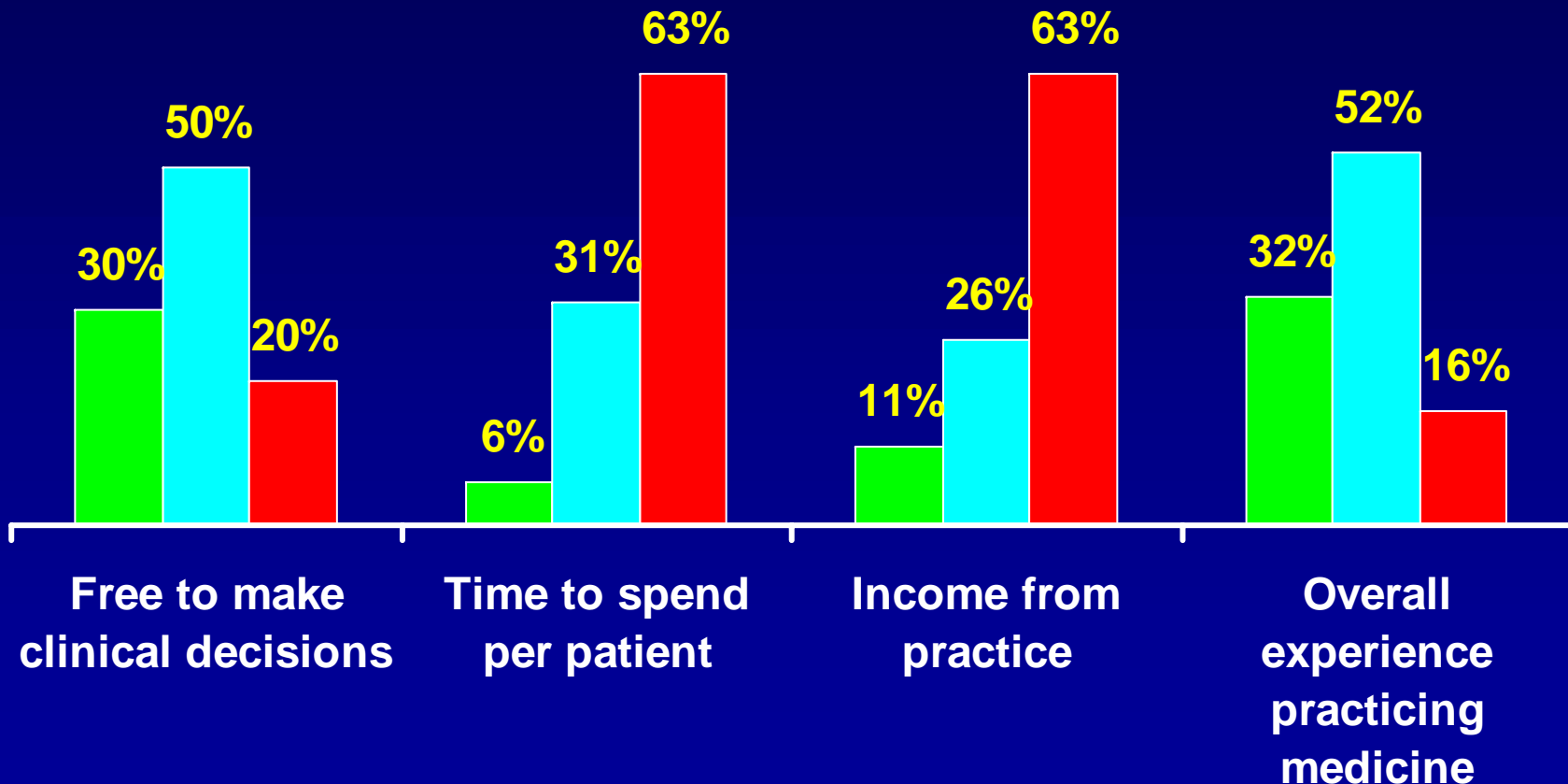


Parents with Concerns about Their Children's Development Found Medical Professionals Helpful

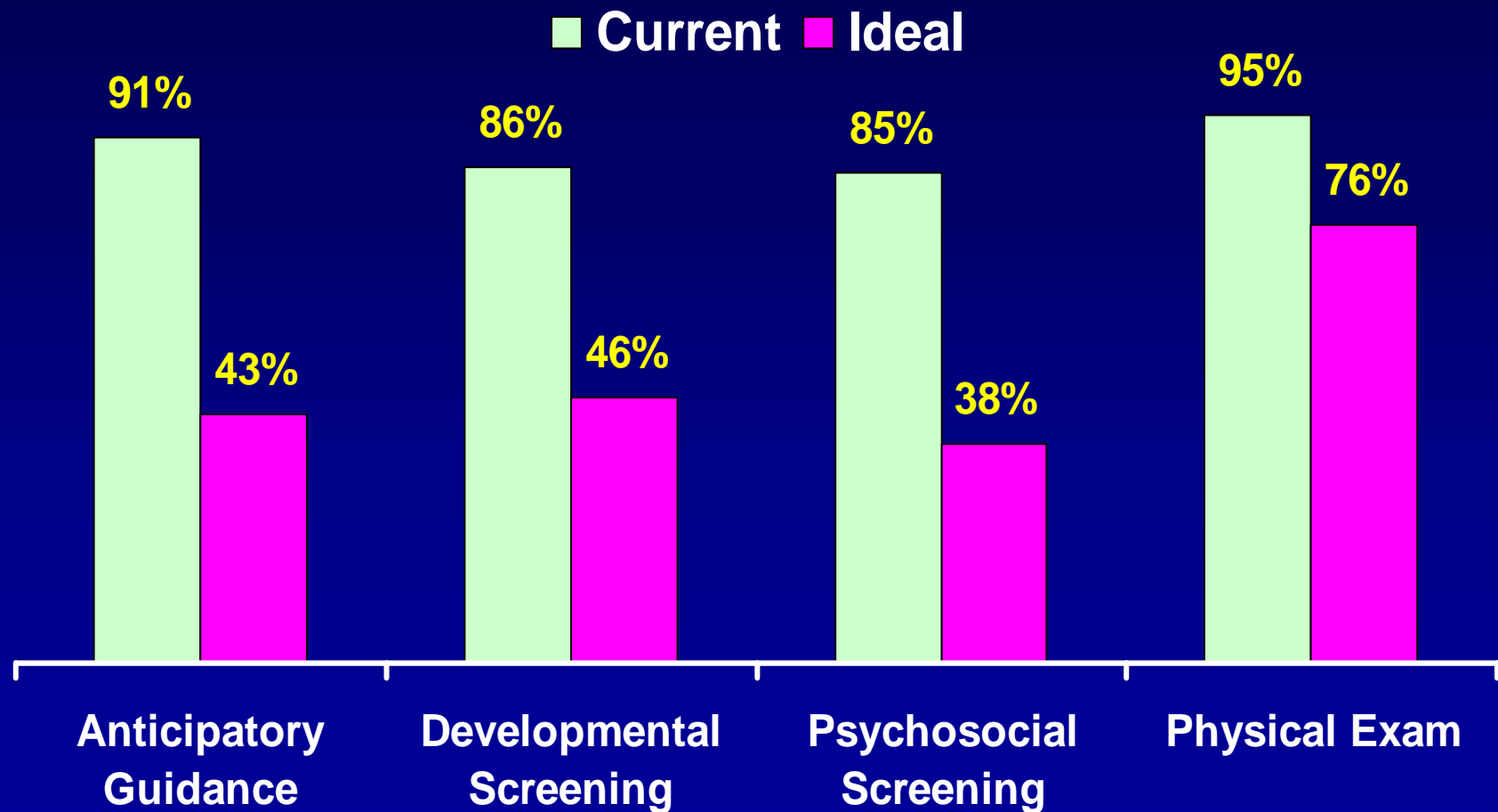


Pediatricians' Satisfaction with Practice

■ Very Satisfied ■ Somewhat Satisfied ■ Somewhat or Very Dissatisfied



Pediatricians' Role in Well Child Care National Survey (N=603)



Some Challenges for the Profession

- **Acute care, short term focus of training and care**
- **Changing family life and changing patterns of children's health care needs**
- **Variable quality of child health care**
- **Dissatisfaction among both patients and pediatricians**

Some Steps to Take

- The desired health outcome should define the content and location of training
- Protect faculty time and enhance skills
- Create more efficient care systems
- Model providing appropriate and effective care
- Be patient and family centered
- Integrate quality improvement into training

Domains of Well-Child Care	Outcome at School Entry
Child physical health and development	<ul style="list-style-type: none"> • All vision problems detected and corrected optimally* • All hearing problems detected and actively managed • Management plans in place for all chronic health problems • Immunization complete for age • All congenital anomalies/birth defects detected • All lead poisoning detected
Child psychological development	<ul style="list-style-type: none"> • All developmental delays recognized and treated <p>developmental delays: (emotional, social, cognitive, communication)</p>
Child-rearing capacity	<ul style="list-style-type: none"> • Parents knowledgeable about child's physical health status and needs • Warning signs of child abuse and neglect detected • Parents feel valued and supported as their child's primary caregiver and function in partnership with the child health care provider • Maternal depression, family violence, and family substance abuse detected and referral initiated • Parents understand and are able to fully use well-child care services

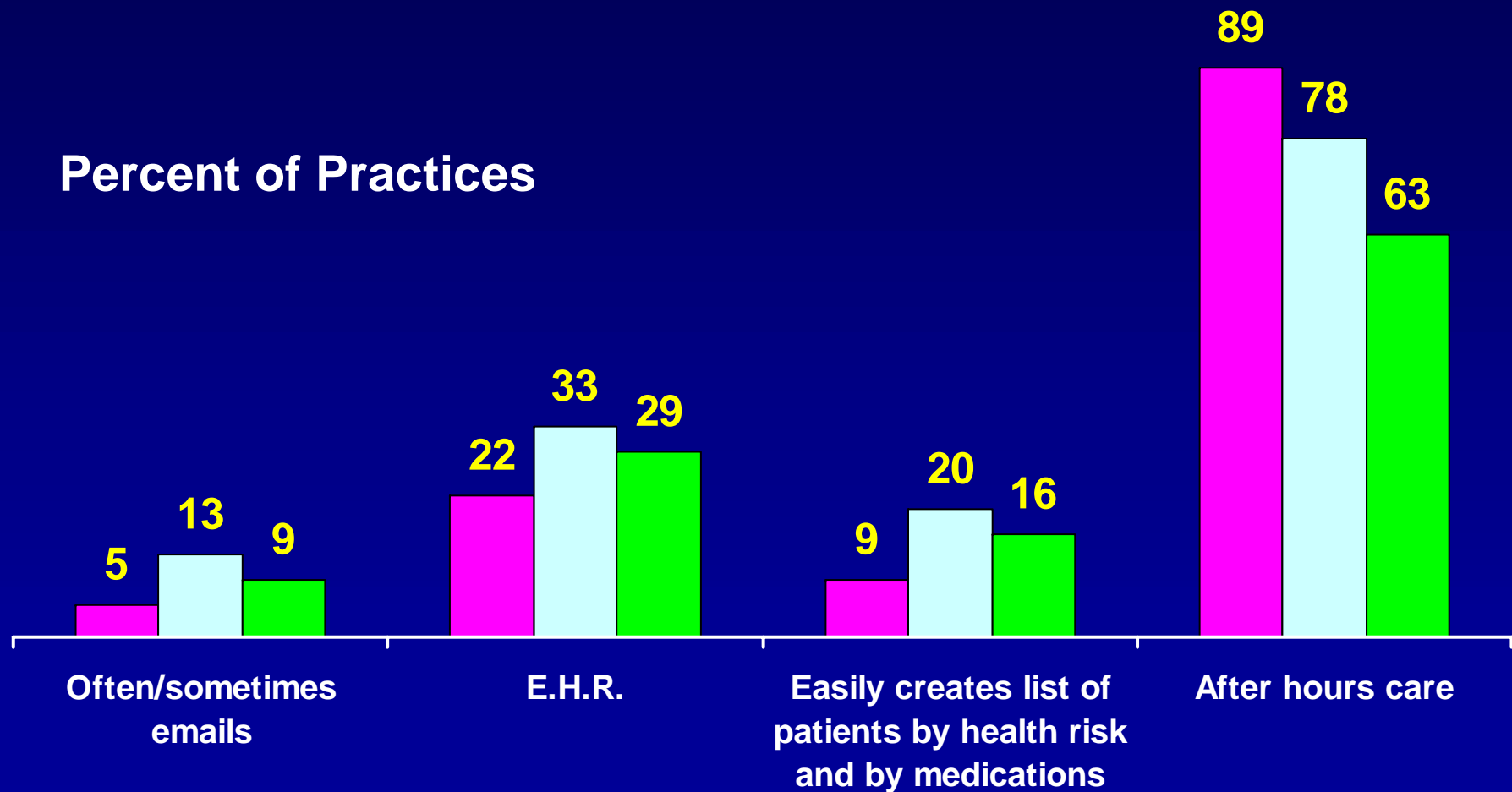
Outcomes of Teacher Training

Training Components	Knowledge	Skill Demonstratio	Use in the Classroom
Theory and Discussion	10%	5%	0%
...+ Demonstration and Training	30%	20%	0%
...+ Practice & Feedback in Training	60%	60%	5%
...+ Coaching in Classroom	95%	95%	95%

Systems in Practices in the US

■ Pediatrician ■ Family Practice ■ Internal Medicine/General Practice

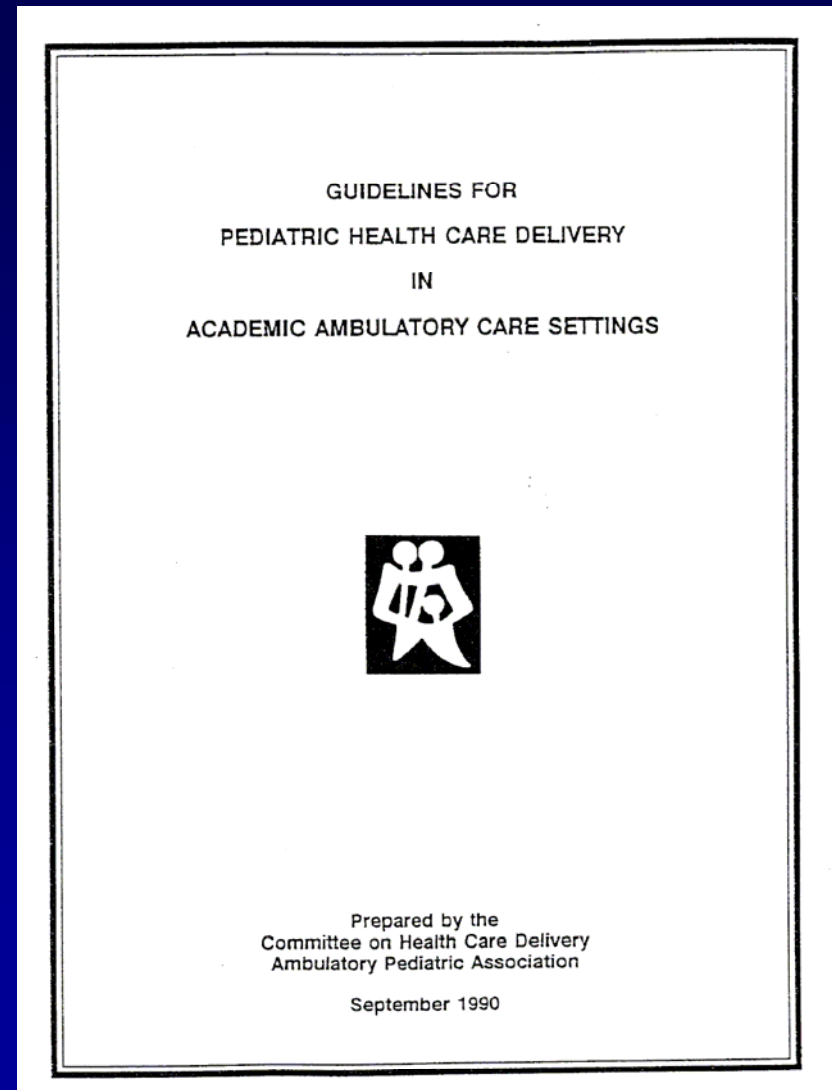
Percent of Practices



Commonwealth Fund International Survey of Physicians, 2006

Why Not Perfection?

The major goals of
an ambulatory
primary care facility
in an academic
setting are....



Communication in Primary Care

Percent saying their doctor...	Always	Usually	Sometimes	Rarely or Never
Listens carefully	58	25	11	4
Explains things so you can understand	58	25	10	5
Spends enough time with you	44	28	16	9

Source: 2004 Commonwealth Fund International Health Policy Survey of Adults' Experiences with Primary Care

Improving Preventive Care in Vermont

