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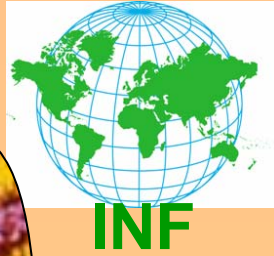
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IDPAS

IDPAS



**Iron Deficiency Project Advisory Service**

***Supporting Anemia Prevention and Control  
for Lower Income Countries***



IDPAS

# IDPAS Objectives



- Provide proactive system of technical information resources for developing country anemia prevention and control (APC).
- Lead and support international advocacy for support to APC
- Facilitate ongoing technical assistance on APC strategies and interventions
- Serve as de facto Secretariat on Iron for UN/ACC SCN Micronutrient Working Group
- Support acceleration/integration of support for APC prevention in children >2 years of age (strategies, policy guidelines and improved interventions).
- Review ongoing work and advocate for essential national health research agenda on APC.
- Promote lifecycle oriented integrated intervention approach to APC.
- Troubleshoot



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## Sample Activities: Ongoing Webpage development and maintenance



- Collect and organize <3,800 documents and references
- Spanish/Portuguese collections
- Zinc collection (782)
- Folic Acid (260)
- B12 (70)
- Country pages (110)
- Addition of quality food images (95)
- Emergency supplementation alternatives
- Scanned "hard copy" to .pdfs



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## Sample Activities: Production & Distribution of Iron World CDROMs (Iron World VII)



- Expanded version of Iron Deficiency Project Advisory Service (IDPAS) web pages.
- For professionals working on projects and research to improve iron nutrition and prevent anemia throughout the developing world. who have limited internet access.
- Topics related to iron deficiency anemia with additional information on other micronutrients, especially, folic acid, zinc and Vitamin B12.



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# Sample Activities: CD ROM improvements (Iron World VI



- HTML format simplified field use
- Improved permissions
- Optimized .pdf compression allowing over 1,400 full text documents and graphics on single CD
- Suggested search lists
- Expanded distribution through FNB insert
- Distribution at INACG (Peru), SCN (Brazilia), ICN (Durban)



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## Sample IDPAS Activities



- Initiated and successfully led international effort to include target for 30% reduction of anemia prevalence across the lifecycle in UN General Assembly session on children
- Drafted fortification proposals for ADB for Central Asian countries (approved \$6 million program and \$2 million follow up)
- Developed integrated, multi-intervention strategy model for prevention and control of IDA
- Became model of innovative Information/Communication for ITANA groups

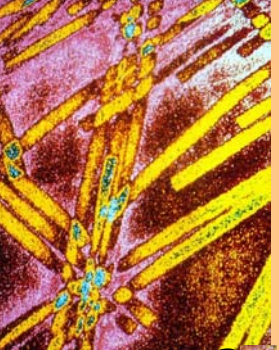


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# Sample IDPAS Activities



- Comprehensive report on nutrition situation and activities in Afghanistan for Helen Keller International.
- “Nutrition Profiles” for UNICEF Headquarters (140 countries)
- Review statistical data on iron deficiency and advise on editorial content for VMD reports (86 countries)
- Mongolia VMD advocacy and logistical assistance
- Sickle cell references (Nigeria)
- Fortification promotion, Syria, Lebanon, CARK, China



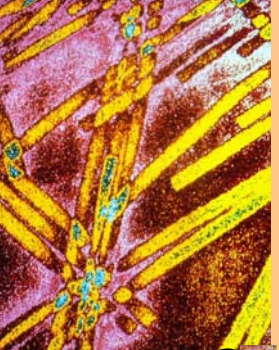
IDPAS

## Sample activities



Advise IZiNCg on strategy and setup of technical documentation and advisory service

- Flour Millers "Tool Kit" on fortification
- Clarification of key variables relevant to revision of supplementation guidelines to address anemia in young children (WHO, UNICEF, Cornell Univ, Johns Hopkins Univ.)
- TA on breaking through toward flour fortification in Egypt (Thalassemia society as allies rather than adversaries)



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## Sample IDPAS activities



Advise Global Folic Acid Action Advisory group on strategic plan and set up

- Flour fortification strategy for China
  - Quality control matrix
  - Demonstration mills
  - Community level effectiveness study
  - Advise FFI and GAIN Tech officers
- Communication support of flour fortification in Turkmenistan
- Review of integrated APC strategy in central Asia.



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# Sample IDPAS Activities



- CDC flour fortification meeting
- Proposal for iron in-home fortification of young children in Darfur
- Proposal for UNICEF supply division procurement of “sprinkles” for children 6-24
- Annual SCN report on activities related to iron (Berlin, Washington, New York, Brasilia, Geneva)
- Micronutrient focus in initial health promotion capacity building in Iraq
- Proposal to include iron deficiency in PBS (Nova-type) public health series (Gates/\$4.5 million)



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# IDPAS Funding Status



## Funding:

- MI commitment through June 2006
- UNICEF UNICEF AR Country Nutrition
- US CDC Millers tool Kit
- ICCIDD SCN MN Report
- SCN WG Iron report (complete 03/06)

## Collaboration:

- MI, WB, IZiNCg, FAAG, US CDC, INF, FSNSP Tufts, IUNS. SCN, WFP

# IDPAS Personnel



## Professionals

- N. Scrimshaw 5% (INF)
- G. Gleason 50% (INF)
- Erick Boy/ Mark Fryers (MI Project officers)

## Research Assistants

- A. Whalley (Tufts FPAN) Canada)
- C. MacDonald (Tufts FPAN) (Canada)
- S. Rakawsky (Tufts FPAN) (USA)
- D. Raikow (Tufts Fletcher) (USA)
- Zivai Murta (Tufts FPAN) (Zimbabwe)
- Akoto Osei (Tufts Ph.D.) (Ghana)

The logo features the letters 'IDPAS' in a bold, stylized font. The letters are filled with a vibrant, multi-colored pattern of yellow, orange, and red, giving it a textured, almost crystalline appearance. The background behind the letters is a dark, abstract pattern of similar colors.



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# Non-formal IDPAS Network Scientists and Professionals



- Rainer Gross – UNICEF NY
- Patrick Webb – WFP Rome
- Bruno De Benoist – WHO Sw
- Saba Mebrathu – UNICEF ESARO
- Steve Atwood – UNICEF EAPRO
- T. Cavelli Soza – WHO APRO
- Peter Ranum – MI, ADB
- Jack Bagrainski – MI, GAIN, ADB
- William Dietz – US CDC
- I Parvanta – US CDC
- Francis Davidson – USAID
- Barbara Lyle – Kraft Foods
- Geoff Smith – Akso Nobel
- Erick Boy G. – MI

- Cutberto Garza – UNU, BCI
- Irwin Rosenberg – Tufts
- Ibrahim Daibes – IDRC
- Ian Darnton Hill – UNICEF
- Ricardo Uauy – IUNS
- Roger Shrimpton – SCN
- Milla Mclachlan – WB
- Anna Verster – GAIN
- Rebecca Stoltfuz – Cornell
- Martin Bloem – HKI
- Lindsay Allen – UCAL Davis
- Glen Mayberly – FFI
- J. Henry – Brookes Oxford
- Eileen Kennedy – Tufts
- Keith McKenzie – UNICEF Sudan
- Fernando Viteri – UCAL Berkely
- Juan Rivera – Mexico
- Judy McGuire



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# Use of IDPAS Iron World



## Current participation

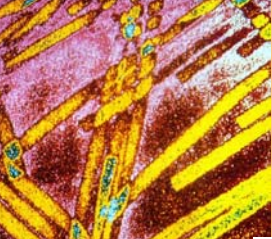
- Registered users: 1,600+ from 101 countries
- 7-15 requests for documents per week (previously 30-50)
- 3-5 technical information assistance requests
- 14,021 downloads of top 200 .pdfs and .ppt
- 353,500 web sessions from over 120 countries



# Sample Downloads (2005)



<b>IDPAS #1681Anemiaferropriva.pdf</b>	<b>2,366</b>
<b>IDPAS #ReferenceListbyAuthor.pdf</b>	<b>1,885</b>
<b>IDPAS #1663Crecimientofisico.pdf</b>	<b>1,676</b>
<b>IDPAS #1612Reposta.pdf</b>	<b>1,672</b>
<b>IDPAS #846.05-CHAPTER05.pdf</b>	<b>1,664</b>
<b>IDPAS #1615Usodi_rio.pdf</b>	<b>1,414</b>
<b>IDPAS #1212Prevention.pdf</b>	<b>1,396</b>
<b>IDPAS #2056OFerroEAlimentacao.pdf</b>	<b>1,383</b>
<b>IDPAS #1682Prevalenciadeanemia.pdf</b>	<b>1,366</b>
<b>IDPAS #371AnaemiaPreg.pdf</b>	<b>1,361</b>
<b>IDPAS #1619Prevalenciadeanemia.pdf</b>	<b>1,242</b>
<b>IDPAS #846.03-CHAPTER03.pdf</b>	<b>1,093</b>
<b>IDPAS #1582DegradationofPhyticAcid+AJCN.pdf</b>	<b>1,024</b>
<b>IDPAS #1658Prevalenciade.pdf</b>	<b>959</b>



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# Sample Downloads (2005)



<b>IDPAS #985Rationale.pdf</b>	<b>922</b>
<b>IDPAS #846.10-CHAPTER10.pdf</b>	<b>909</b>
<b>iIDPAS #014AnemiaDetection.pdf</b>	<b>836</b>
<b>IDPAS #SCN+Final+2002-2003+Micronutrient.pdf</b>	<b>814</b>
<b>IDPAS #2236FlourFortificationBlum.pdf</b>	<b>793</b>
<b>IDPAS #1112AdvisoryMinSalt.pdf</b>	<b>737</b>
<b>IDPAS #INACGProgram.pdf</b>	<b>725</b>
<b>IDPAS #1674Anemiadolactante.pdf</b>	<b>721</b>
<b>IDPAS #757DevReadiness.pdf</b>	<b>709</b>
<b>IDPAS #1686feitodediferentes.pdf</b>	<b>706</b>
<b>IDPAS #178influence.pdf</b>	<b>651</b>
<b>IDPAS #1606Avalia__odo.pdf</b>	<b>635</b>
<b>IDPAS #1951Killercyclesofinfectiousanemias.pdf</b>	<b>614</b>
<b>IDPAS #1610Estudo.pdf</b>	<b>607</b>
<b>IDPAS #WGpresentationsGraphs-iron+intake.ppt</b>	<b>604</b>

# IDPAS Sessions by URL Sources 2005

The IDPAS logo, featuring the letters 'IDPAS' in a stylized, multi-colored font with a metallic, 3D effect.

**TOTAL SESSIONS**

**353,500**

**(no entry)**

**155,652**

**net (Network)**

**64,822**

**com (Commercial)**

**55,825**

**edu (Educational)**

**11,051**

**ca (Canada)**

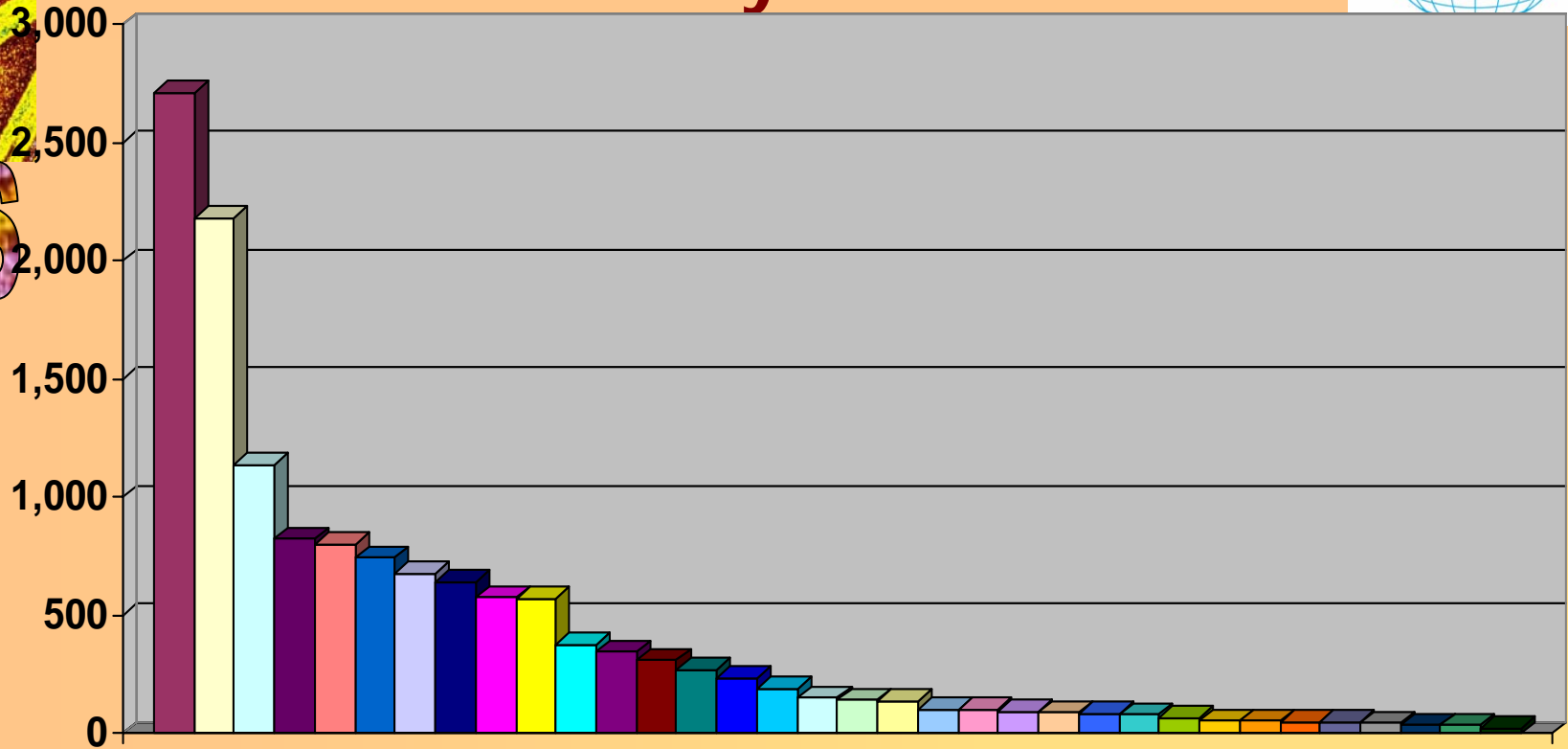
**8,275**

**org (Non-Profit Organizations)**

**1,330**



# IDPAS Sessions by URL Sources 2005



mx (Mexico)	in (India)	za (South Africa)	id (Indonesia)
pe (Peru)	cn (China)	th (Thailand)	my (Malaysia)
ar (Argentina)	ph (Philippines)	co (Colombia)	cl (Chile)
tw (Taiwan)	vn (Vietnam)	cr (Costa Rica)	hu (Hungary)
pk (Pakistan)	ve (Venezuela)	mu (Mauritius)	do (Dominican Republic)
gt (Guatemala)	ir (Iran)	bo (Bolivia)	na (Namibia)
lk (Sri Lanka)	ec (Ecuador)	zw (Zimbabwe)	bw (Botswana)
ni (Nicaragua)	np (Nepal)	kh (Cambodia, Kingdom of)	fj (Fiji)
sn (Senegal)	sv (El Salvador)		

# IDPAS Sessions by URL Sources 2005



**br (Brazil) 11,193.**

**in (India) 2,181.**

**pe (Peru) 800**

**th (Thailand) 677**

**ar (Argentina) 572**

**ae (UAE) 549**

**co (Colombia) 375**

**vn (Vietnam) 27**

**pk (Pakistan) 150**

**mu (Mauritius) 137**

**do (Dominican Republic) 100**

**ir (Iran) 93**

**na (Namibia) 84.**

**mx (Mexico) 2,714.**

**za (SouthAfrica) 1,138.**

**cn (China) 7402.**

**my (Malaysia) 641**

**ph (Philippines) 570**

**na (Namibia) 84.**

**cl (Chile) 343.**

**cr (Costa Rica) 233**

**ve (Venezuela) 139**

**tt (Trinidad and Tobago) 103**

**gt (Guatemala) 99**

**bo (Bolivia) 89**

**lk (Sri Lanka) 80**



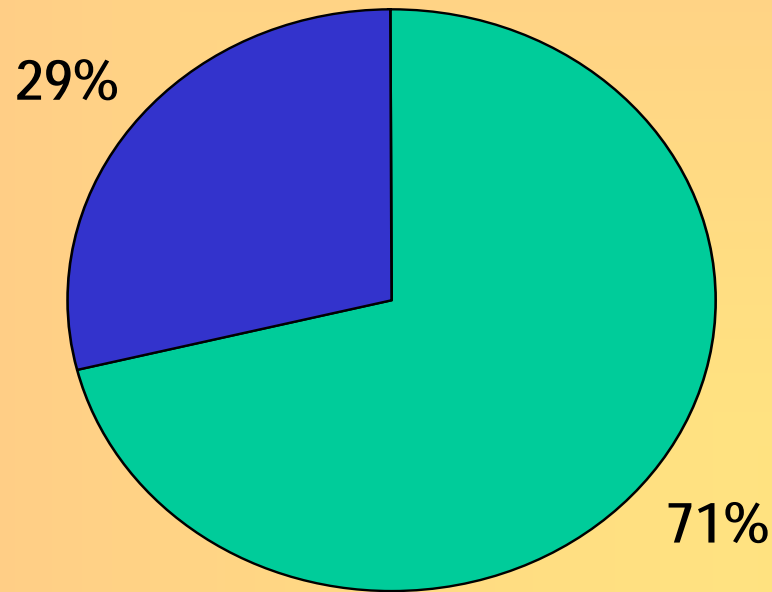
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# IDPAS Survey: (12/04)

## Sample 192, Responses 56



INF



- Developing Countries
- Developed Countries

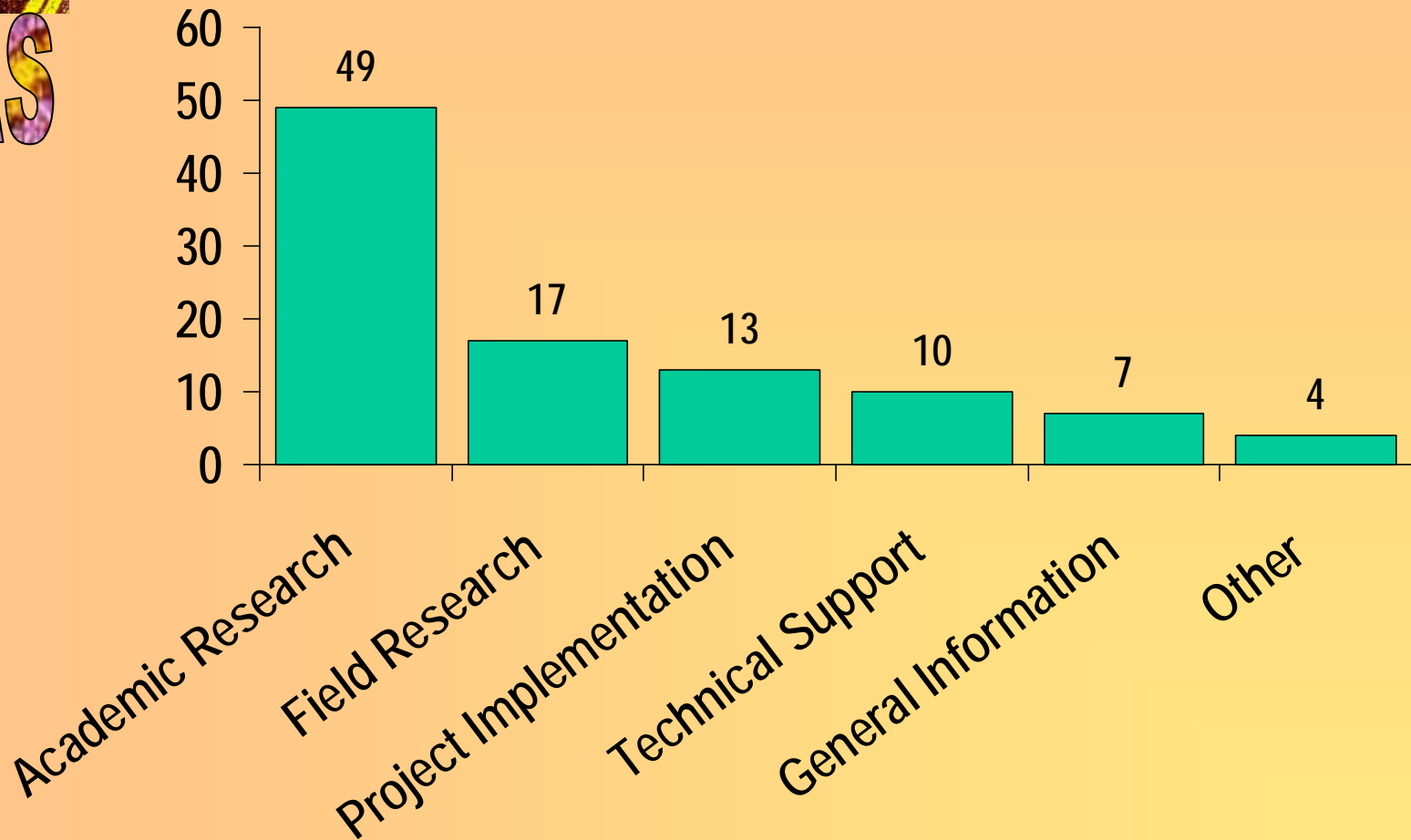


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INF

# What Do You Use IDPAS for?



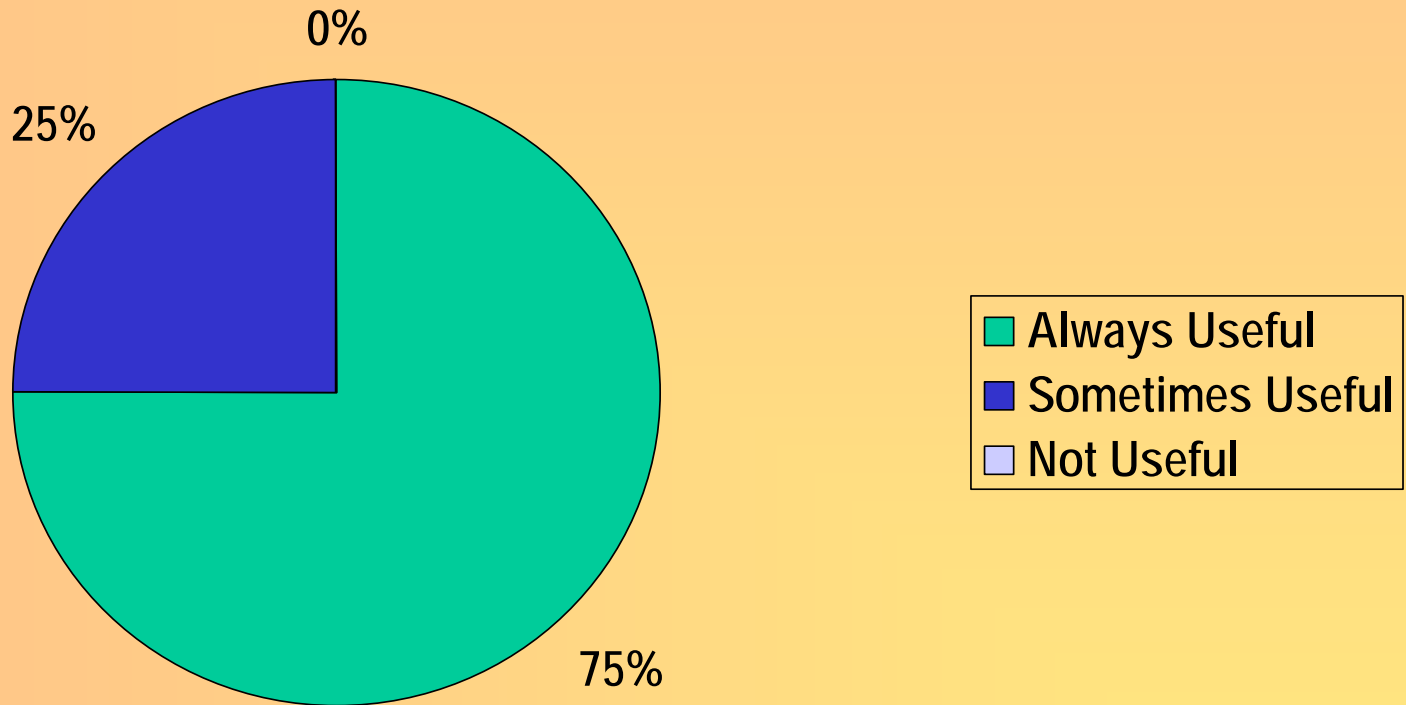


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# Is the Information Obtained Useful for Your Purpose?



INF





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# Survey comments on IDPAS use



I used some articles on IDA and IDD prevention from the IDPAS website to convince some statesmen on absolute necessity of flour and salt fortification

- For preparing for teaching classes in nutrition.
- I conducted my PhD thesis research on iron zinc and folic acid fortification of whole-wheat flour.
- I shared these information with my colleagues, have formulated proposals following the patterns and experiences of the researchers and have utilized them to give suggestions to my organization on which area should be prioritized and how to work on it.
- We used the website to obtain information for different projects relation with fortification of wheat flour with iron (ferrous sulfate and vitamins)



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# IDPAS Achievements





- Set up international Working Group on IDA in children <2 leading to presentations at SCN and INACG
- Analysis of IDA prevalence in 31,000 children age 6-24 months (18 DHS surveys in 11 countries) proving need for supplements or fortified complementary foods.
- Contributed to Tufts graduate training (11 international students as IDPAS RAs. Service with IDPAS led:
  - international post in UNICEF (Sudan/Turkmenistan)
  - the Peace Corps (Africa),
  - US CDC birth defects section,
  - internships in Bangladesh and China
  - full Ph.D. fellowship.
- Strategic communication plan for GAIN project



# IDPAS Failures



## Poor response to proactive networking

-  Minimal participation in sharing of lessons learned despite concerted communication efforts
-  SCN annual reporting has broad participation but few Government project inputs

## Delay in African and Asia IDA Programming Workshops

-  Supplementation safety issues raised and must be settled prior to workshop
-  Insufficient coordination with MI regional staff



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# IDPAS Future



- Setup IDPAS advisory group (MI, INF, HKI, CDC, Industry, UNICEF) (meet early April 2005)
- Develop proposal for project extension and funding levels
- Re-consider Micronutrient Programming Workshops for Africa and Asia
  - MDG context (2010 and 2015)
  - Multi-intervention approaches
  - Lifecycle and cross generational
  - Phased interventions
  - Multiple donors with crossover
  - Multi-sector planning, coordination and implementation



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# IDPAS Future



- Diversify funding with MI at core (foundations, industry, NGOs, UN organizations)
- Expand focused tasks (new task-specific funds)
  - Country vitamin and mineral documentation base
  - Rapid reviews, micronutrient project documentation and lessons learned
  - Micronutrient research communication planning
  - Iraq micronutrient promotion strategy
- Strengthen and expand cooperation with Tufts
  - Share coordination coordination
  - Research and directed studies
  - Course on micronutrient program implementation