

Supply Division

Annual Report 2000

Contents

Introduction	3
Managing UNICEF's Global Procurement	4
Immunization	4
Essential Drugs and Micronutrients	8
Water Supply and Sanitation	9
Other Strategic Supplies	9
Non-Strategic Supplies	10
The Copenhagen Warehouse	10
Emergency Response	11
Regional and Local Procurement	11
Procurement Services	14
Charts:	
What UNICEF buys globally	3
... and where we buy it	3
What UNICEF buys offshore for its programmes	12
... and what Field Offices buy for themselves	12
Annexes:	
ANNEX 1 UNICEF Supplier Countries	15
ANNEX 2 Offshore Procurement Through Copenhagen/New York	17
ANNEX 3 Regional and Local Procurement by UNICEF Field Offices	24
ANNEX 4 Where Supplies Are Used	30
ANNEX 5 Invitations to Bid and Responses Received	32

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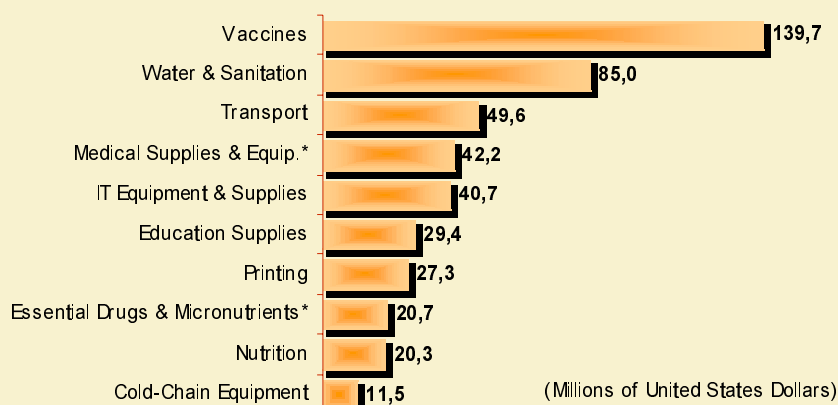
Introduction

Since UNICEF was founded in 1946, supplies have been integral to its mission of promoting children's rights to health, nutrition, clean water, sanitation, education and protection, especially during emergencies. Indeed, the most enduring images of UNICEF at work are those of a child being immunized against killer diseases, or sitting in a makeshift classroom, using a "school in a box" to continue her education in the aftermath of an earthquake or other disaster. As UNICEF refines its priorities in the lead-up to the General Assembly's Special Session on Children in September 2001, such strategic supplies continue to be essential to the core areas of girls' education, early childhood development, immunization, HIV/AIDS prevention among children and protection of children from violence, exploitation and abuse. Other, non-strategic supplies are also important to the functioning of UNICEF programmes, from the vehicles used to deliver vaccines to far-flung health posts to the computers and communication equipment required to run offices. The timely procurement and delivery of quality supplies for UNICEF, so critical to the success of its programmes, is the responsibility of Supply Division.

Based in Copenhagen, Denmark, and New York, Supply Division oversees global procurement for UNICEF, which in 2000 amounted to \$502 million worth of supplies and services (including programme supplies, Procurement Services, the Oil for Food Programme (OFFP) in Iraq and administrative supplies). Off-shore procurement by Copenhagen and New York totaled \$288 million, with UNICEF country and regional offices buying supplies worth \$214 million. The

What UNICEF buys globally...

Commodities Purchased by UNICEF in 2000 (Offshore, Regional and Local Procurement)



*Includes immunization supplies.

*Does not include \$5.5 million donated Vitamin A & iron folate

Copenhagen warehouse shipped \$56.3 million worth of goods, including \$6.8 million in donations in kind. Procurement services orders amounted to \$67 million. OFFP procurement totaled \$75 million.

Continuing the trend of recent years, vaccines and immunization supplies were the largest commodity groups purchased by UNICEF. Vaccine procurement alone was worth \$140 million, largely because of the oral polio vaccine (OPV) required for the global campaign to eradicate polio by 2005. Many of UNICEF's other priorities were reflected in purchasing of water and sanitation equipment (\$85 million), medical supplies and equipment (\$42 million), education supplies (\$29 million), essential drugs (\$21 million) and nutrition products (\$20 million).

UNICEF continued to emphasize decentralized procurement in 2000, with its

volume of local and regional procurement (\$214 million) one of the largest in the United Nations system. Local procurement of OPV worth over \$40 million was one of the factors that made India the top supplier country to UNICEF in 2000, a first for a programme country, with \$82 million worth of goods purchased from Indian suppliers. In total, 8 of UNICEF's top 20 supplier countries are programme countries. The regional procurement centre in Ankara, Turkey, purchased over \$15 million worth of supplies for OFFP and on behalf of other UNICEF country offices in the region. The regional procurement centre in Pretoria, South Africa, more than doubled its volume, to \$10 million, up from \$4 million the year before.

In 2000, supplies continued to be critical to UNICEF's rapid response to emergencies. The Copenhagen warehouse dispatched 42 charter flights that delivered urgently needed supplies - health kits, essential drugs, medical equipment, water tanks, water purification materials, education supplies and therapeutic food - to assist children affected by devastating floods, drought and conflict. These and other emergency orders accounted for close to 15% of the warehouse's overall throughput.

... and where we buy it

Top 20 Supplier Countries 2000

India	\$81,924,739	Kenya	\$12,089,252
Belgium	\$47,119,595	South Africa	\$9,727,855
Germany	\$35,927,776	Italy	\$8,392,172
Denmark	\$35,390,682	Iraq	\$7,115,993
France	\$33,688,898	Indonesia	\$6,607,687
Japan	\$24,116,541	China	\$5,830,395
Sweden	\$22,003,837	Finland	\$5,603,624
Turkey	\$18,977,812	Switzerland	\$5,505,855
United Kingdom	\$14,572,519	Ethiopia	\$4,845,641
United States	\$14,152,044	Republic of Korea	\$3,577,479

Managing UNICEF's Global Procurement

The large volume of supplies purchased by UNICEF each year can be classified into strategic supplies that are essential to UNICEF programmes (vaccines, pharmaceuticals, micronutrients, water supply and sanitation equipment, school-in-a-box and other education supplies, etc.) and non-strategic supplies like office equipment, computers and vehicles that are required to manage programmes and run offices. Supply Division is committed to ensuring that field offices receive the right supplies on time and get value for money. The options available are offshore, regional or local procurement, depending on the nature of the product being ordered, the availability and quality of goods in local markets, and the urgency of the request (which can be for emergency health kits where even a few days' delay can cost lives or for routine office supplies). In many cases, procuring non-strategic or low-value supplies such as spare parts for vehicles can be time-consuming. The challenge for Supply Division is to offer a variety of procurement options that will meet the needs of field offices and guarantee that UNICEF's resources are used as effectively as possible.

In mid-2000, the Division issued **Contract 2000**, its commitment to action, by year-end, all requisitions for offshore procurement received from field offices by mid-October; ensure shipment of in-stock emergency supplies from the Copenhagen warehouse within 24 hours; deliver all vaccine requisitions that fell within forecasts and work with concerned partners to match the available supply of OPV with global immunization activities. Despite the fact that the majority of supply requisitions are

received late in the year due to funding constraints, the Division was able to meet its target and fulfill 97% of all requests by year-end. In cases where it was not possible to purchase the goods, Supply Division notified the offices concerned in advance and, where technically feasible, authorized local procurement as an alternative.

One means of making offshore procurement faster and easier is through long-term arrangements (LTAs), under which Supply Division and manufacturers agree in advance on the commercial terms (prices, delivery schedules and packing requirements) for products. Orders are then placed up to the value of the LTA. As of end-2000, Supply Division had completed LTAs for 563 materials, and plans to have 1,100 in place by end-2001. In 2000, 43% of all purchase orders placed from Copenhagen were against LTAs, and when all 1,100 are in place, they will account for 80% of all offshore procurement.

Local procurement by UNICEF country and regional offices has increased considerably in recent years, as manufacturing bases in many programme countries have improved markedly. In 2000, Supply Division authorized UNICEF Representatives to undertake local procurement of most commodities up to \$50,000 without prior approval. All local purchases of products

that could actually harm children if they are not produced to the high quality control standards required by UNICEF (vaccines, auto-disable syringes, pharmaceuticals, micronutrients and therapeutic foods) must have specific pre-approval from Supply Division. Each field office was also asked to define a local procurement strategy to respond to conditions in that country, based on the local availability of products and the level of risk involved in purchasing in the country. Offices must continue to adhere to procedures for evaluating suppliers and all UNICEF procurement policies.

Field offices welcomed the increased flexibility of the higher limit, especially because local purchasing saves freight costs and facilitates service, maintenance,

purchasing of spare parts and training. An analysis of the types of products purchased by UNICEF offices shows that after vaccines (purchased from approved suppliers in India), the largest commodity groups bought locally were water and sanitation equipment, printing, computers, office supplies and education supplies, all of which can have high freight costs and/or require considerable service and maintenance.

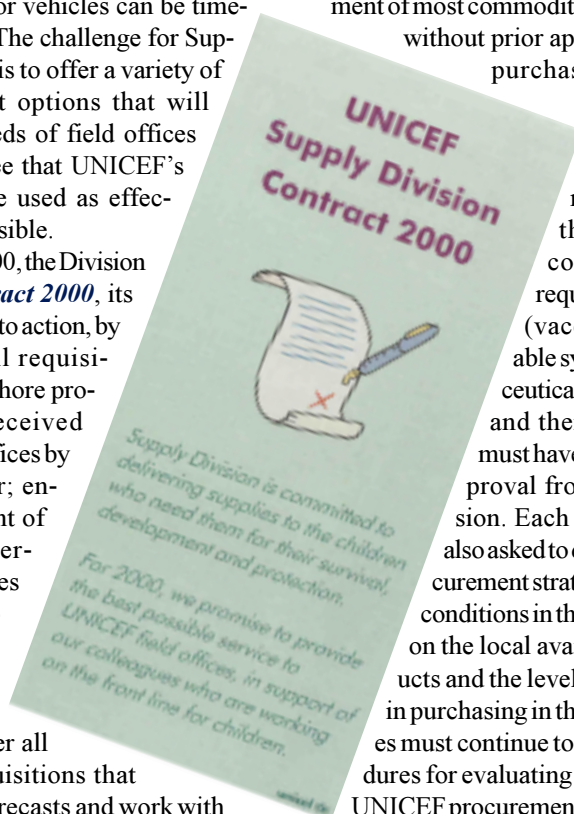
Another option offered by Supply Division is **Direct Ordering** of non-strategic supplies like computers, office supplies, equipment and furniture, audio-visual equipment, vehicles, laboratory supplies and some cold-chain equipment. Supply Division has negotiated a series of LTAs for these commodities, allowing field offices to use specialized web sites and product catalogues to order directly from the suppliers, using pre-agreed terms and prices.

In September 2000, the UNICEF Supply Catalogue became available online (www.supply.unicef.dk), providing descriptions and prices of over 2,000 commonly-used products, as well as information about procurement services, information for potential suppliers and procurement policies.

Immunization Vaccine Procurement

In 2000, vaccines and immunization supplies accounted for a significant proportion of UNICEF's supply support, mirroring the organization's longstanding focus on children's right to health and protection from disease. UNICEF purchased \$140 million worth of vaccine for use in over 90 countries, as well as \$22 million worth of auto-disable syringes, safety boxes and other devices and \$11 million worth of cold-chain equipment. This includes both purchases for UNICEF-supported programmes and procurement services on behalf of Governments and other agencies. UNICEF purchases vaccines only from manufacturers certified by the World Health Organization (WHO).

Vaccine purchasing has become increasingly complex in recent years as the market has changed, owing to growing divergence between the types of vaccines used in industrialized and developing countries. Industrialized countries generally buy more expensive combination



Over 50 Years of Supplying Vaccines for the World's Children

UNICEF has been a part of global immunization and disease-control campaigns almost since its founding in 1946, for example against tuberculosis in the late 1940s, against yaws, trachoma and leprosy in the 1950s and currently against polio, measles and other illnesses. In many cases, UNICEF procured and supplied vaccines, medicines and related equipment for these and other public health campaigns, but usually on a relatively small scale and in specific countries. Today, global campaigns to eradicate polio, eliminate neonatal and maternal tetanus and control measles, as well as the commitment by GAVI to deliver new and underused vaccines to the poorest countries, make UNICEF one of the world's largest purchasers of vaccines for developing countries, supplying vaccines for 75% of the child population in those countries.

UNICEF/ICEF-2539



A health worker vaccinates a boy against tuberculosis in the Philippines c. 1952, using BCG vaccine provided by UNICEF.

The amount of vaccine actually procured by UNICEF remained relatively small through the early 1980s, when immunization became a cornerstone of the Child Survival and Development Revolution; the first NID took place (in 1984, in Colombia); and Rotary International joined UNICEF, WHO, the United States Centers for Disease Control and Prevention and other partners in 1985 in the drive to eradicate polio, raising hundreds of millions of dollars to buy and deliver vaccine. The General Assembly's call for Universal Child Immunization (UCI) by 1990 followed, resulting in dramatic increases in global immunization activity and in the volume of vaccine bought by UNICEF.

During the 1980s, UNICEF was a major player in the UCI

drive, mobilizing political commitment and financial resources and, increasingly, procuring vaccines for national immunization programmes. From 1978 to 1982, UNICEF spent between \$3 million and \$5 million per year on vaccines. In 1982, UNICEF purchased about 125 million doses of EPI vaccines. By 1986, that figure had quadrupled, to 494 million doses of vaccine (almost \$25 million worth), and by 1990, to 969 million doses worth \$55 million. Since 1995, Supply Division has purchased over 1 billion doses of vaccine each year. The most marked increase has been in the amount of OPV procured, which is a direct result of the global campaign to eradicate polio by 2005. In 2000, UNICEF purchased over 2.4 billion doses of vaccine worth \$151 million, including 1.9 billion doses of OPV alone. A significant amount of OPV is purchased on behalf of Governments with support from donors like the German Development Bank and the World Bank through Procurement Services, which also fund the purchase of cold-chain equipment, syringes and other supplies.

Vaccine procurement will expand further in the next few years as a strategic component of UNICEF's commitment to "immunization plus". OPV procurement is expected to remain at the current level of over 1 billion doses per year through 2002 and there are plans to buy up to 170 million doses of measles vaccine per year by 2003. Elimination of maternal and neonatal tetanus may require up to 180 million doses per year. With its responsibility to procure the vaccines and immunization supplies funded by the Global Fund for Children's Vaccines, Supply Division will purchase some 350 million doses of hepatitis B and Hib vaccines through 2003, valued at roughly \$295 million.

vaccines against a wider range of diseases than the traditional target diseases of the expanded programme on immunization (EPI)¹, while UNICEF purchases mainly "penny" vaccines for developing countries. For example, the price for a dose of combined measles/mumps/rubella (MMR) vaccine can be as high as \$28 in the United States² while UNICEF buys a single dose of measles vaccine that costs 10 cents. Hepatitis B vaccine can cost \$24 per dose in the United States, with three doses required for immunity. In contrast, the type of hepatitis B vaccine purchased by UNICEF costs 57 cents per dose. As markets have changed, some manufacturers in industrialized countries have stopped producing the cheaper vaccines, so that UNICEF relies increasingly on a small number of producers in developing countries, purchasing 65% of non-OPV vaccines from them. As the number of producers and overall volume of vaccine production have dropped, prices for their vaccines have tended to increase, making management of vaccine supply even more complex.

In 2000, vaccine procurement was dominated by management of the available supply of OPV for the global polio eradication effort. Supply Division shipped 1.19 billion doses of OPV (including 25 million doses donated by a manufacturer) to 59 countries. In addition, UNICEF India purchased 800 million doses of OPV from Indian suppliers for local use. Globally, the OPV was used for 138 National Immunization Days (NIDs) and 52 smaller subnational immunization days. Despite the continued limited global supply, Supply Division, working with WHO, UNICEF's Programme Division and the four manufacturers of OPV, was able to match supply and demand closely and ensure delivery of OPV for all NIDs scheduled for 2000, in some cases using chartered aircraft when deliveries were close to deadlines. For the first time, eradication activities were driven by the actual availability of OPV, with NIDs scheduled according to planned release of vaccine by the manufacturers. As a result, last year a record 550 million children under five years of age were immunized during intensified NIDs in 82 countries.³ This included India, where 152 million children were vaccinated in three days, and a synchronized effort across West and Central Africa, which immunized 76 million children in 17 countries.

¹ Polio, diphtheria, pertussis, tetanus, tuberculosis and measles.

² MMR is used by middle- and upper-income countries with a measles coverage greater than 80%, as certified by WHO.

³ UNICEF provided OPV to 59 countries, with Governments and the Pan American Health Organization (PAHO) supplying the remaining countries.

Supporting Polio Eradication: Managing Global OPV Supply

The goal of certifying the world free of polio by 2005, endorsed by the September 2000 Polio Summit at the United Nations, poses enormous financial, political and logistical challenges to the many partners involved in this global effort. Key to the eradication strategy is an adequate and assured supply of OPV. The allocation, procurement and shipping of OPV to the 20 countries where polio remains endemic is the joint responsibility of WHO, UNICEF and the vaccine manufacturers.

The role of Supply Division in polio eradication is to procure OPV for immunization activities (routine and campaign) in UNICEF-assisted countries in all regions except Latin America and the Caribbean, where PAHO is responsible for vaccine procurement. According to WHO estimates, UNICEF and PAHO procure approximately 80% of the OPV produced globally. (The other significant buyers include the Governments of India and Nigeria, the Japanese International Cooperation Agency and other smaller purchasers.) UNICEF procures nearly 100 % cent of the vaccine required for endemic countries where polio eradication efforts are most intense.

The May 1999 decision of the World Health Assembly¹ to accelerate eradication activities called for additional national or subnational immunization rounds each year, largely in reservoir countries in Africa and South Asia, many with large child populations and/or affected by conflict. This rapid acceleration required over 2 billion doses of OPV per year, which far outstripped the available supply. The question of OPV supply, previously almost an afterthought to eradication plans and programmes, suddenly became critical to the success of the immunization effort.

The reasons for the shortage of OPV are straightforward. A limited number of companies continue to manufacture OPV. UNICEF procures all its OPV on the international market from four companies, three of them located in Europe and one in Asia.² The production of a dose of OPV takes from 18 to 24 months. As a result, the OPV available at any given point in time is the result of planning done at least 18 months earlier. Any significant increase in production capacity requires regulatory approvals and can take up to five years.

Throughout the 1980s and 1990s, UNICEF procured roughly 200 million doses of OPV each year for routine and supplementary immunization activities. The May 1999 acceleration of activities more than doubled global demand for OPV. Nearly 100% of the 1.45 billion doses required that year was to be supplied by UNICEF, although UNICEF had existing contracts and commitments for only 650 million doses per year. The accelerated activities were to begin in the fourth quarter of 1999, with shipments needed during the preceding summer, but the amount of OPV available in late 1999 was limited to what had been planned in mid-1997. WHO and UNICEF took a number of steps to manage this difficult situation. WHO established a global forecast of OPV quantity by country, which was used to provide forecasts for industry and global supply in relation to demand analysis. Supply Division prioritized shipments according to the schedules of NIDs. In the end, more than 50% of the OPV available was delivered to India, one of the most endemic countries, for its six NID rounds.

During the period August-December 1999, UNICEF was able to procure nearly 200 million doses above the quantity it had contracted for, consuming all available industry stocks in the process. Nonetheless, there was still a shortage for

planned activities, with little linkage between demand (planned activities) and supply (industry production levels). For 2000, the suppliers were able to deliver 1.375 billion doses of OPV. In addition, UNICEF helped to strengthen the capacities of local manufacturers in India to produce (fill) OPV using imported bulk vaccine, thus increasing overall global production capacity.

The consumption of the industry stocks had perhaps the most significant long-term effect on OPV procurement. Normally, manufacturers produce vaccine for stock, with orders from UNICEF (and other customers) taken from the stock. This provides a buffer between the customer and any common, but unplanned delays due to batch failures, late releases, etc.. The initial impact of the elimination of the buffer was dramatic: production plans from the suppliers changed on a weekly basis, which translated to repeated rescheduling of shipments to countries. To cope with this fluid situation, UNICEF, through closer communication with vaccine manufacturers, established a new planning and buying method for



The end of a complex supply chain: vials of OPV ready for distribution during a National Immunization Day in India.

OPV, following each batch (3-4 million doses) through its production cycle, including release by national regulatory authorities and packing. This *Production Buying Method* became effective during the second quarter of 2000 and is essential to UNICEF's management of OPV supply and procurement of other vaccines, many of which are also in short supply.

WHO and UNICEF have forged an even closer working relationship as the interdependence of the two organizations in addressing supply problems has become clear. In addition, the international community has developed a better understanding of the vaccine industry and regulatory authorities, including vaccine forecasting, production, and regulatory issues. This information will allow improved management of vaccine procurement for all diseases, especially important for GAVI.

¹ (WHA52.22, 25 May 1999)

² Another seven countries produce OPV for local consumption and are not qualified for export by WHO: Brazil, China (pill formulation), Egypt, the Islamic Republic of Iran, Mexico, the Russian Federation and Yugoslavia. In addition, WHO has pre-qualified for local consumption three Indian companies that fill bulk produced by the suppliers qualified for export. UNICEF procures large quantities of OPV from them for local consumption in India.



UNICEF/HQ99-0091/CEDRIC GALBE

A member of a UNICEF immunization team in the village of Jiech in the Upper Nile region of southern Sudan transfers vials of polio vaccine from a large cooler into smaller coolers, part of the vaccine cold chain, for distribution to remote locations during the national immunization campaign.

In addition to OPV, Supply Division also shipped large quantities of other EPI vaccines: 132 million doses of combined diphtheria/pertussis/tetanus (DPT) vaccine; 117 million doses of BCG (anti-tuberculosis vaccine); 110 million doses of tetanus toxoid vaccine; and 95 million doses of measles vaccine. In stark contrast to the EPI vaccines are the most recent figures for UNICEF's procurement of non-EPI vaccines. In 2000, UNICEF purchased only 3.9 million doses of yellow fever vaccine, 5.1 million doses of hepatitis B vaccine, some 2 million doses of MMR and/or measles/rubella vaccine; and provided 100,000 doses of *Haemophilus influenzae* (Hib) vaccine that were donated by a manufacturer. One of the reasons for the low figures is that these vaccines are many times more expensive than the traditional EPI vaccines

Yellow fever vaccine was also in short supply due to outbreaks of the disease in West Africa late in the year. A special task force was formed by UNICEF, WHO, *Médicins Sans Frontières* and the International Federation of Red Cross and Red Crescent Societies (IFRC) to prioritize vaccine shipments to help quell the outbreak. Several orders for routine immunization were postponed or cancelled so that 600,000 extra doses could be shipped to Guinea. The task force is continuing to monitor the situation in 2001.

The scarcity of certain vaccines pointed to the need for more forward planning with industry, in order to pro-

vide a long-term supply framework and ensure sufficient quantities of vaccine. (It takes at least three years to increase production capacity, and as long as five years if a new production plant is required.) UNICEF's Executive Director met several of the leading vaccine manufacturers early in 2000 to review issues around vaccine supply, with a resulting agreement to increase predictability and reliability in the management of vaccine supply to developing countries undertaken by UNICEF. Responding to these requests from the industry, Supply Division issued tenders for five years for OPV and three years for all other vaccines, and is completing long-term contracts with suppliers.

The Global Alliance for Vaccines and Immunization

Supply Division is responsible for procurement of all vaccines supported by the Global Alliance for Vaccines and Immunization (GAVI) and funded through the Global Fund for Children's Vaccines, which are primarily different types and combinations of Hib and hepatitis B vaccines, sometimes in combination with DPT and/or in pre-filled injection devices. For 2001, the GAVI Board approved initial funding for 15 countries⁴ based on a set of specific criteria, with other countries to be approved during 2001-2003. Each country must have a gross national product per capita less than \$1,000; current

coverage of DPT vaccine greater than 50%; a functioning Inter-Agency Coordinating Committee for Immunization, run by the Ministry of Health and including all major partners supporting immunization; a multi-year immunization plan; and an injection safety plan.

The delivery of the first GAVI vaccines, destined for Kyrgyzstan and Mozambique in April 2001, was the culmination of a year-long intensive procurement effort that required close cooperation between UNICEF, WHO, the vaccine industry and the Governments of the recipient countries, in close consultation with other GAVI partners. As a first step, Supply Division sent a detailed Request for Proposal to 18 companies and received offers of 17 different products from 11 of them, finally accepting seven products from eight companies in Asia, Europe and the United States. Because of the scarce supply of the newer combination vaccines, GAVI had to create a clear allocation system. In determining the allocations, the GAVI Board gave priority to those with the weakest health infrastructures, using their levels of DPT coverage (50% or greater) as a benchmark. Further allocations will be announced later in 2001 and again in 2002 and 2003. In addition to the vaccines themselves, the industry offered for the first time in UNICEF's history non-commodity components such as training, informational materials and funding of disease burden studies, all of which are critical contributions to the introduction of new vaccines.

Because of the complexities of the process and the products being offered, Supply Division made fundamental changes to its approach to vaccine procurement, drawing on the lessons learned from OPV management. UNICEF now manages vaccine availability through close communication with high-level industry counterparts. Supply Division works closely with the GAVI Working Group and Financing Task Force and with the current and potential beneficiary countries, having met teams from 34 countries as part of the process. A unique development was the establishment of a Procurement Reference Team to support Supply Division in assessing procurement goals, design and results. The team of high-level experts comprises a vaccine procurement specialist from the United States Centers for Disease Control and Prevention (CDC), an industry analyst (the former director of a vaccine

⁴ Azerbaijan, Cambodia, Côte d'Ivoire, Ghana, Guyana, Kenya, Kyrgyzstan, Lao People's Democratic Republic, Madagascar, Malawi, Mozambique, Pakistan, Rwanda, United Republic of Tanzania, Uganda.

manufacturer and university professor), a health economist from the London School of Hygiene and Tropical Medicine, and a health systems specialist from Thailand. The reference group helped Supply Division's Immunization Team to define its desired results (affordable vaccines in a variety of presentations, from a number of manufacturers), define the process for achieving those results and assess the final contract awards against the original objectives. The contracts awarded reflected a variety of products and suppliers, at decreased prices for the combination and hepatitis B vaccines. The Procurement Reference Team will continue to advise Supply Division on aspects of procurement related to vaccine supply management of existing and new vaccines in the context of an increasingly complex market situation.

Immunization Safety

The UNICEF/WHO Policy on Safe Injections calls for "bundling" of vaccines with auto-disable syringes and safety boxes for disposal of used syringes. In 2000, Supply Division shipped 144 million auto-disable syringes and over 1 million safety boxes. The number of manufacturers of auto-disable syringes qualified by WHO remains limited but Supply Division continues to work with potential suppliers, with the aim of increasing the supplier base and lowering the unit costs of the syringes, making them more affordable for government immunization programmes. Through off-shore procurement and direct ordering, UNICEF purchased almost \$11 million worth of cold-chain equipment, including vaccine carriers, cold boxes, freezers, all of them required to ensure the safe delivery of vaccines.

Essential Drugs and Micronutrients

UNICEF has long been a leader in the United Nations system in the procurement of essential drugs and micronutrients. In 2000, Supply Division purchased over \$20 million worth of pharmaceutical products and in addition distributed some \$5.5 million worth of donated vitamin A capsules and iron

Essential Drugs: From the Warehouse...

Supply Division's Copenhagen warehouse has GDP Certification for Pharmaceuticals from the Danish Medicines Agency, in addition to a license to purchase, store and distribute psychotropic and narcotic substances. UNICEF is the only United Nations agency to have GDP certification.

The certification means that Supply Division must adhere to the Guidelines on Good Distribution Practice of Medicinal Products for Human Use issued by the European Union and is subject to regular inspections and surveillance by the Danish Medicines Agency. The GDP certification also means that:

- Supply Division implements a recognized quality system.
- Pharmaceutical products are purchased only from companies licensed by their National Authority to manufacture such products.
- Pharmaceutical products are stored and distributed appropriately.
- Products are traceable to the manufacturer in case of recall.

In addition, Supply Division has its own, additional pre-qualification procedure for suppliers before they are invited to bid. The process normally involves an inspection to verify the manufacturer's compliance with Good Manufacturing Practices (GMP) as established by WHO, followed by ongoing evaluation through regular GMP inspections. In 2000, Supply Division arranged 11 GMP inspections of pharmaceutical companies in India, Viet Nam and several European countries. These inspections also help companies upgrade their systems and procedures to meet international standards. In addition, the Division requires regular analytical tests of the purchased pharmaceutical products according to a pre-arranged programme. Suppliers are also required to forward technical documentation for each product before releasing any shipments to UNICEF.

...to the Children who need them

Essential drugs are one of the major components of the Emergency Health Kit, which is one of the first items dispatched from Copenhagen when an emergency strikes. The kit contains essential medical supplies that are part of the warehouse's standard inventory and covers basic health needs for 10,000 people for three months. In 2000, Supply Division shipped over 2,100 kits to more than



Men unload emergency health kits shipped from the Copenhagen warehouse to Maputo, the capital of Mozambique, as part of the UNICEF response to the floods which devastated that country in March 2000. Each kit contains a supply of essential drugs and basic medical equipment to meet the needs of 10,000 people for up to three months.

25 countries in Africa, Asia and Central and Eastern Europe. The kit was developed by a group of agencies including UNICEF, WHO, UNFPA and UNHCR, as well as NGOs like *Médicins Sans Frontières* and the International Committee of the Red Cross. It has been designed to meet the primary health care needs of a displaced population without medical facilities in the immediate aftermath of a disaster. It contains two different sets of drugs and medical supplies packed in a basic unit and a supplementary unit.

folate supplements from the Copenhagen warehouse. The Division is a centre of expertise on the quality, manufacture, regulatory requirements and purchasing of essential drugs and provides technical assistance in essential drug management within and outside UNICEF. The Copenhagen warehouse is certified for Good Distribution Practices (GDP) for

pharmaceuticals. UNICEF follows the WHO Model List of Essential Drugs.

The Division continued its active engagement in the Inter-Agency Pharmaceutical Group (IPC), which was established in 1996 by UNICEF, WHO and the World Bank, and later joined by the United Nations Population Fund (UNFPA). Through the IPC, each

agency's pharmaceutical advisers meet regularly to review common policy and practices and to coordinate the pharmaceutical policies underlying their technical advice to partner countries. These meetings have led to better exchange of information, greater consistency in the technical advice given and the development of joint policy documents, including Guidelines for Drug Donations; Operational Principles for Good Pharmaceutical Procurement; Guidelines for Safe Disposal of Unwanted Pharmaceuticals in and after Emergencies; and draft Guidelines for Technical and Financial Support to the Pharmaceutical Sector. IPC also hosts an annual technical briefing seminar for the staff of participating organizations and other development agencies, non-governmental organizations (NGOs) and national essential drugs programmes.

Working with the Joint United Nations Programme on HIV/AIDS (UNAIDS), UNFPA, WHO and *Médecins Sans Frontières*, Supply Division established a database of sources and indicative prices of HIV/AIDS drugs as a resource for Governments and NGOs (available on the Internet at www.supply.unicef.dk). Supply Division also worked closely with UNAIDS, WHO, UNFPA and the World Bank on the initiative by five pharmaceutical manufacturers to increase access, especially in Africa, to drugs for treatment of HIV/AIDS and related infections. As an extension of this initiative, the same agencies also issued an Expression of Interest seeking manufacturers of HIV/AIDS drugs and related products, to which 36 companies responded. Their replies are being assessed for the quality of the products, and the results will be made available to Governments, other United Nations agencies and collaborating NGOs to facilitate procurement of these products. Supply Division, together with UNICEF's Programme Division, WHO and UNAIDS, continued to work with a selected group of country offices in pilot projects on prevention of mother-to-child transmission (MTCT) of HIV/AIDS. UNICEF has received a donation of zidovudine from the manufacturer for these pilot projects and has initiated contacts with the manufacturer of nevirapine, which has offered to donate this product to MTCT prevention programmes.

Supply remains integral to UNICEF's fight against micronutrient deficiencies. The Copenhagen warehouse shipped

481 million vitamin A tablets to 85 countries and over 1.1 billion iron folate tablets to 68 countries during 2000. The Division also worked with Programme Division to distribute 10,000 test kits to 50 countries to determine household-level consumption of iodized salt as part of multiple indicator cluster surveys, demographic and health surveys or other surveys being used to assess progress towards universal salt iodization.

Water Supply and Sanitation

Water supply and sanitation equipment were the second largest commodity group purchased by UNICEF in 2000, with \$85 million worth of supplies procured globally. They range from large-scale, specialized projects like rehabilitation of water and sewage treatments plants in Iraq, under OFFP, to drilling rigs to combat drought in Ethiopia, to the provision of water purification tablets and jerry cans to flood victims in Mozambique. In many countries, UNICEF continues to provide water pumps to communities, as well as the spare parts needed to maintain them. In emergencies, when water systems have been destroyed, UNICEF sometimes deploys water tankers to ensure a clean water supply for children and families.

Supply Division continued to work with manufacturers to develop new products that meet specific programmatic needs. One example is a new kit for testing the level of arsenic in water to the level of 10 parts per billion (ppb), the level suggested by WHO. (The kit previously used could only detect to a level of 50 ppb.) Supply Division's technical staff worked with the manufacturer and field staff to make the kit easier to use. Another example is the development of a new standard specification for water filters to prevent transmission of guinea worm. The specification was the result of consultations with WHO, the Carter Center (United States), the *Centre De Recherche Sur Les Meningistes et Les Schistosomoses* (France), the Danish Technical Institute, *Dansk Bilharziøse Laboratorium* (Denmark), UNICEF's Programme Division and health and water/sanitation officers in Africa. The new requirement will ensure that all affected countries are using the most effective product designed according to agreed international standards.

Other Strategic Supplies

Medical supplies and equipment, valued at \$42 million in 2000, are another commodity group that meets a wide range of programmatic needs. They include syringes and immunization supplies (other than vaccines); bandages, dressings, sutures, gloves, catheters, etc.; hospital and medical equipment; laboratory supplies; medical and hygiene kits; diagnostic test kits; and some rehabilitation equipment for children with disabilities. While the majority of these supplies are purchased through Copenhagen, because of quality control standards, the Pretoria Procurement Centre was able to source and deliver emergency medical supplies required for the Ebola outbreak in Uganda in October.

Education supplies accounted for \$29 million in spending, most of which (\$23 million) was through local and regional offices. UNICEF's supply support for education normally is in the form of school supplies and educational materials, but in exceptional circumstances can include school reconstruction, as in Kosovo, Northern Iraq and East Timor. Following extensive consultations with field education officers and Programme Division, in 2000 Supply Division redesigned the "School in a Box", which is used to re-establish learning among children as the first step towards the restoration of normal schooling following an emergency. It can be used for up to 80 children in double-shift classes and is to be used with locally developed teacher training materials and curricula. The same team also designed a new Recreation Kit to provide children with structured recreation activities in the aftermath of an emergency.

UNICEF spent some \$20 million on **nutrition products** in 2001. UNICEF's purchasing in this area focuses on specific therapeutic foods for malnourished children or children displaced by emergencies, usually with a high vitamin and mineral content (high-protein biscuits, supplementary and therapeutic foods). Local purchasing of specific foods (UNIMIX, Vitadele) can be authorized when Supply Division has approved the manufacturer's quality control standards. Another component of nutrition support is anthropometric (growth-monitoring) equipment, ranging from low-tech products like tapes for meas-

uring a child's arm circumference or height, to different types of weighing scales, including the electronic Uni-scale.

Supply Division's Pretoria Procurement Centre, responsible for coordinating UNICEF's procurement of **insecticide-treated bednets** to combat malaria, bought \$4.6 million worth of bednets and insecticide in 2000. Field offices were also responsible for most of the \$8 million worth of **shelter equipment** purchased by UNICEF, reflecting local needs for tents, tarpaulins and other emergency shelter materials.

Non-Strategic Supplies

UNICEF offices, spread across 160 countries, require a variety of non-strategic supplies that are nonetheless essential to running effective programmes. **Transport** is the largest such group, and in 2001 UNICEF purchased \$50 million worth of different types of vehicles and spare parts for country offices and to support delivery of vaccines and other types of programmes. **Information technology** (IT) (computers, software, etc.) and **office supplies** accounted for \$41 million, with **communication equipment** (satellite telephones, radios, etc.) amounting to an additional \$8 million. Most of these commodities are covered by global Direct Ordering contracts negotiated by Supply Division (with technical support from the Information Technology Division), so that offices benefit from standard specifications,

UNICEF/SD/01/A. Sokolovic-Rasmussen



The Copenhagen warehouse stores supplies for UNHCR and IFRC, in addition to UNICEF.

UNICEF/SD/00



Since UNICEF first opened its procurement centre in Copenhagen in 1962, it has been visited by celebrities and dignitaries, including UNICEF Goodwill Ambassadors Danny Kaye and Peter Ustinov. In 2000, Goodwill Ambassador Roger Moore toured the Copenhagen warehouse, as did Her Highness Princess Alexandra of Denmark.

terms and prices. UNICEF offices contracted **printing services** worth \$27 million, almost all of it locally.

The Copenhagen Warehouse

The Copenhagen warehouse maintains an average annual inventory level of \$22.6 million and stocks some 1,200 commonly-used items, many of which are used for set-packing into specialized kits. The warehouse is critical to UNICEF's rapid response in emergencies and guarantees a 24-hour turn-around time when required. The warehouse is certified for GDP for pharmaceuticals and is licensed by the Danish Medicines Agency to purchase, store and distribute psychotropic and narcotic substances. In addition to shipping supplies to UNICEF country offices and procurement services customers, the warehouse also stores and ships emergency supplies for the United Nations High Commissioner for Refugees (UNHCR) and IFRC. The warehouse features a state-of-the-art racking and storage system that



UNICEF/SD/00

was financed by the Danish Government, as well as a cold room for storage of pharmaceuticals.

In 2000, the warehouse shipped 10,954 metric tons of goods to 128 countries. The total value of shipments was \$56.3 million, including \$6.8 million in donations-in-kind. The intake for replenishment items was valued at \$45 million. To ensure that warehouse supplies meet UNICEF's high quality control standards, Supply Division arranges for pre-delivery and plant inspections, either by its own inspectors or by independent companies. In 2000, Copenhagen staff performed 11 such inspections with external companies handling 38 more.

The warehouse stocks components for 29 different types of specialized kits and in 2000 shipped over 86,000 kits to 75 countries. Those most frequently requested are the "school in a box", with more than 44,000 shipped, as well as mid-wife kits (11,000), first-aid kits (5,100) and the Emergency Health Kit (2,100).

Bednets for Roll-Back Malaria

Roll-Back Malaria, an initiative launched in 1998 by UNICEF, WHO and The World Bank, aims to reduce the incidence of malaria-related mortality by 50% by 2010. In the last two years, the Initiative has grown to involve Governments, donors, NGOs, the private sector and communities. In April 2000, at a malaria summit in Abuja, Nigeria, African Heads of State and Government approved the Abuja Declaration, which was later adopted by the Organization of African Unity and signed by all Heads of State in Africa. One of the major goals of the Declaration is to ensure that by 2005, at least 60% of children under five years and pregnant women are protected by sleeping under insecticide-treated mosquito nets. Another is to support the private sector's increased participation in malaria control, specifically through the removal of taxes and tariffs to make bednets and insecticides affordable to communities.

One of UNICEF's major contributions to Roll-Back Malaria is the provision and sourcing of malaria-related commodities to help meet these goals. Because the estimated demand for bednets could be as high as 32 million per year, it is critical that the private sector become involved to ensure an adequate supply of affordable nets in all endemic countries. In the last two years, the Pretoria Procurement Centre, with a staff member specialized in this area, has made considerable progress, nearly quadrupling procurement of malaria-related commodities from \$1.2 million in 1999 to \$4.5 million in 2000, with 1.3 million nets purchased. Presently, production capacity of the African manufacturers is 4 million nets, and UNICEF is encouraging them to invest in extra capacity to meet the potential demand. While prior to 1999, UNICEF's main suppliers were located in Thailand, new sources have been identified in Tanzania, Zambia, Mozambique, South Africa, Nigeria and Ghana.

To increase economies of scale, the Pretoria Centre has agreed to manage the procurement of malaria-related commodities on behalf of all UNICEF programmes in sub-Saharan Africa. Pretoria continues to identify new sources for underserved geographical locations, especially in West Africa, and will serve as a resource centre on malaria-related commodities and sources of supplies for all Roll-Back Malaria partners.

UNICEF/Melanie Reshaw



Children sleeping under an insecticide-treated bednet provided by UNICEF, one of 120,000 distributed to families in Mozambique who lost their possessions during the floods in early 2000.

Emergency Response

Supplies are among the first requirements for protecting children affected by emergencies, whether natural disasters or conflict, and 2000 saw no exception to this rule. The Copenhagen warehouse dispatched 42 full emergency airlifts during the year (11 in June alone), mostly to Africa but also to other regions. To meet the needs of children affected by the drought and conflict in the Horn of Africa, Supply Division sent nine flights to Ethiopia, delivering essential drugs, medical equipment, vaccines and therapeutic milk; and 13 flights to Eritrea, with water tanks, hospital equipment, tents, education supplies, oral rehydration salts (ORS) and therapeutic milk. The UNICEF response to severe floods required three airlifts to Madagascar (emergency health kits and hospital equipment) and four to Mozambique (water purification chemicals, tents, hospital and cold-chain equipment and therapeutic milk). Less visible crises elsewhere in Africa required five airlifts of therapeutic milk to Burundi and three of medicines and hospital equipment to

the Democratic Republic of the Congo. Other emergency operations included four charter flights to Vladikavkaz, Russian Federation, for children affected by conflict in Chechnya, and an airlift of medical supplies to East Timor.

In addition to the central warehouse in Copenhagen, Supply Division relied on its decentralized procurement structure to provide less expensive local options for emergency response. The Pretoria Procurement Centre was able to source emergency medical kits for both the Democratic Republic of the Congo and Mozambique, saving on freight costs. Pretoria was also able to procure emergency medical supplies for use during the Ebola outbreak in Uganda in October, at a lower cost and of quality equivalent to supplies available offshore. This continues a trend seen in recent years, when UNICEF offices in countries with strong supplier bases have been able to purchase most emergency supplies locally, as in India following the 1999 floods in Orissa and in Turkey after the major earthquake that same year.

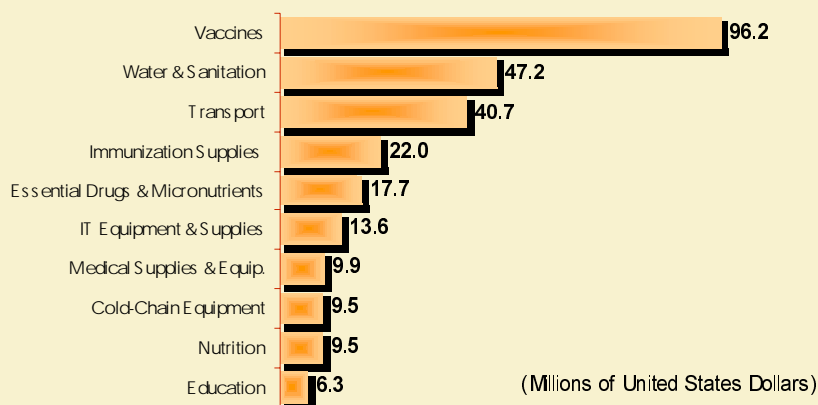
Regional and Local Procurement

UNICEF's volume of local and regional procurement - \$214 million - is one of the highest in the United Nations system. Because of this high degree of decentralization, 8 of UNICEF's top 20 supplier countries are programme countries. Under the overall authority of the Director of Supply Division, country offices are authorized to purchase goods up to a value of \$50,000 without prior authorization, except for vaccines, auto-disable syringes, safety boxes, pharmaceuticals, micronutrients and therapeutic foods. Excluding vaccines, which have a high level because of local procurement of OPV in India, the largest commodities purchased by field offices were those that are more economical to purchase locally - water and sanitation equipment, IT and office supplies, education supplies and printing.

UNICEF's two regional procurement centres, in Ankara and Pretoria, were started for specific purposes but have expanded to provide a wider range of

What UNICEF buys offshore for its programmes...

Offshore Procurement 2000



supplies to UNICEF offices. The centre in Ankara, Turkey grew out of the need to source supplies for OFFP, especially educational materials. In 2000, the centre purchased \$15 million worth of supplies from Turkish suppliers, largely for OFFP but also for other UNICEF offices in the region, mainly in Central Asia, and for the UNICEF programme in Turkey and the country's earthquake recovery programme. The centre in Pretoria was established to source suppliers of bednets and insecticides as part of UNICEF's contribution to the Roll-Back Malaria Initiative, but largely because of the Mozambique emergency more than doubled its volume in 2000, from \$4 million to over \$10 million.

When typhoons caused the worst flooding in 40 years in Mozambique in early 2000, UNICEF Maputo called on Copenhagen for emergency airlifts of key supplies, but also looked to neighbouring South Africa for support. Pretoria was able to ship mosquito nets and water treatment tablets immediately, and worked with staff in Mozambique to define other supplies required for the emergency. Pretoria was able to source and deliver hospital equipment, water treatment supplies, tents (for use as schools) and educational supplies, all from South African suppliers. The educational supplies included three new kits – a learner's kit, a teacher's kit and a classroom kit. Working with local programme staff facilitated the inclusion of small but important features such as putting all the items of the learner's kit into a bag which a child could carry, important in Mozambique where children

take all their school supplies home with them at the end of each school day. Pretoria was also able to provide school desks at very short notice, which together with the tents and the kits, allowed children to return to school soon after the floods receded, with more children attending school than before the disaster. The Pretoria Centre also helped to develop a new HIV/AIDS training kit which will be provided to every teacher in Mozambique.

Supplies in the Field

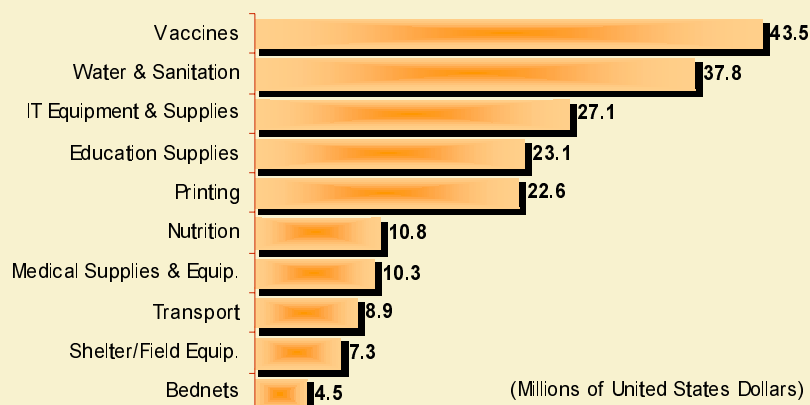
The amount of supplies provided through UNICEF programmes varies by region, as does the proportion of offshore versus local procurement,

which depends on each country's requirements and the manufacturing base in the country or region.

UNICEF's emphasis on vaccine procurement and specifically polio eradication, is the main reason that Asia received 35% of all supplies (offshore and local) procured by UNICEF in 2000. In addition to providing supplies, the procurement staff in Bangladesh supported GMP training for 60 local inspectors of the National Directorate of Drugs Administration, and are also working with the Directorate and WHO to develop a plan for the safe disposal of expired pharmaceuticals. UNICEF Bangladesh also developed plans to purchase 55 arsenic removal plants from a local supplier. Because of the emergency in East Timor, supply staff from throughout the region were deployed to Darwin, Australia to establish a procurement base for shipping supplies into Dili. Supplies were essential to the re-establishment of operations and to school reconstruction in East Timor. China saw increasing local procurement and also undertook procurement for Bhutan, the Democratic People's Republic of Korea, the Lao People's Democratic Republic, Mongolia, Myanmar and Thailand. Staff from Supply Division and the country office visited the Guangzhou and Shanghai Trade Fairs to explore possibilities for increased local, regional and offshore procurement from Chinese suppliers. In Viet Nam, UNICEF supply staff provided training for government counterparts in UNICEF rules and regulations, focusing on requirements for accountability and transparency in the bidding process.

... and what Field Offices buy for themselves

Local & Regional Procurement 2000



Oil for Food (and Water and Education)

The Oil for Food Programme was originally established by the Security Council in 1997 and later expanded to allow the Government of Iraq to sell oil and use the proceeds for food and other humanitarian needs. UNICEF is specifically responsible for programme implementation in Northern Iraq (Dohuk, Erbil and Suleimaniyah governorates) which is funded by 13% of the revenue of the Government's oil sales and is not part of the programme of cooperation between UNICEF and the Government of Iraq. Specifically, UNICEF is responsible for water supply and sanitation as well as some education and nutrition programmes. All of these have a large supply component, involving cooperation between Supply Division, the Sanctions Committee established by the Security Council to monitor compliance with its resolutions, and UNICEF's supply and programme staff in Northern Iraq. The Ankara Procurement Centre also plays a key role in OFFP procurement, which in 2000 amounted to \$75 million.

The type of goods procured under OFFP ranged from heavy equipment for sewerage systems to vitamin A supplements for young children. To manage this complex project, Supply Division strengthened its OFFP Coordination Team in Copenhagen and the staffing at the regional procurement centre in Ankara. Several supply and logistics posts were also established in Northern Iraq, to coordinate receipt and distribution of the supplies. The success of the project in 2000 and the results achieved in Northern Iraq since 1997 demonstrate how supplies can be critical to achieving clear results. Through OFFP, UNICEF has made demonstrable contributions to child health and education in Northern Iraq.

Water supply and sanitation are the major focus of UNICEF's OFFP procurement, both to help combat persistent drought and to rehabilitate damaged systems. This involved large-scale procurement of heavy equipment and components for water and sanitation systems. For example, UNICEF procured 106 new water tankers which were consigned to local authorities. As part of an ongoing programme, 132 water pumps were installed in 2000, bringing to 496 the total number installed, providing water to over 1.2 million people. In addition, 91 kilometres of the water distribution network were replaced or extended, bringing the total to 311

kilometres, and 12 generators and transformers were installed to provide power to pumping stations, for a total of 54. UNICEF also provided water purification equipment, constructed and renovated 185 pump houses, chlorinator houses and stores for spare parts, and constructed or repaired 12 elevated water storage tanks, and procured 43 sanitation vehicles for municipalities.

UNICEF provided substantial support to basic education programmes, including physical rehabilitation of primary schools in urban areas. To increase children's access to education in rural areas, UNICEF is currently supporting a new initiative by local authorities for construction of 298 village schools in partnership with local communities, providing construction materials, school furniture and educational materials. During 2000, UNICEF rehabilitated 116 primary schools and 5 kindergartens, and also provided school furniture for 14,000 students. UNICEF also distributed school stationary kits to 2,787 primary schools, benefiting 690,000 students.

One of the major accomplishments of UNICEF's OFFP procurement was the installation of printing presses for production of textbooks, which produced almost 2 million books in 2000. Supply Division worked with the supplier to provide further training to the local operators, particularly in pre-press operations and management of the printing process. Experts from Sweden made several technical missions to the presses in Erbil and Suleimaniyah, training 33 staff and completing a work plan for the production of primary school textbooks for the school year 2000-2001. International experts developed software for Kurdish fonts and trained the printing press staff in their use.

OFFP funds were also used to support child nutrition programmes. During 2000, UNICEF provided 6,000 kilograms of therapeutic milk powder and 62,000 kilograms of high-protein biscuits to 61,057 malnourished children. UNICEF also procured vehicles for monitoring programme activities and provided local health officials with medical supplies including hospital furniture, infant resuscitators, oxygen concentrators and breast pumps for three maternity wards to support the Baby-Friendly Hospital Initiative.

Africa received 31% of UNICEF's supplies in 2000. Supply continues to be a major element of most country programmes in Africa, where immunization, malaria control, primary health care, nutrition and emergency response programmes are supply-intensive. In many countries, especially those in unstable or emergency situations, inland distribution and logistics remain a challenge as does timely clearance of goods through customs. Supply Division is working with field offices to address these concerns. To support relief programme in southern Sudan, for example, a consolidated warehouse has been constructed in Lokichokio, northern Kenya, which now houses supplies previously stored in 40 locations, with

resulting improvements in security and reduced costs. Supply Division and the Office of Emergency Programmes in New York are collaborating on the procurement of software for inventory control and management in local warehouses.

Because of the large amount of OFFP procurement, the **Middle East and North Africa** accounted for 24% of UNICEF supply usage. OFFP procurement, handled jointly by Copenhagen, Ankara and the Iraq country office, amounted to \$75 million, all for Northern Iraq. The UNICEF programmes in the Sudan and Yemen also have large supply components. UNICEF Jerusalem worked with Copenhagen and local suppliers to meet the emergency needs of children in the West Bank and Gaza, providing medical

and surgical equipment and supplies, first-aid and midwife kits and toys for psycho-social programmes. Supply Division undertook a market survey in Dubai and is planning a second survey in 2001 to explore the supplier bases of other countries in the region.

Central and Eastern Europe, the Commonwealth of Independent States and the Baltic States received 7% of supplies. The countries with a substantial supply component were those affected by emergencies, e.g., Turkey's Earthquake Recovery Programme, the drought in the Central Asian Republics and projects for health and education in Moldova funded by the European Union. In other countries, including Albania, Bosnia and Herzegovina, Georgia and

the Former Yugoslav Republic of Macedonia, supply assistance shifted from large-scale provision to smaller procurement of supplies required for capacity-building and advocacy. In this region, offshore procurement is generally more significant than local procurement because of shortages of raw materials, fluctuating exchange rates and difficulties in establishing a reliable network of suppliers. In Kosovo, Supply Division worked with the UNICEF country office to design a contract for and manage a large-scale school reconstruction project that is being implemented by local NGOs. It is expected that 22 new schools will be finished by October 2001, and another 37 schools have had their water supply and sanitation facilities repaired and upgraded.

because of the increased capacity of the Government to procure essential drugs. The office in Mexico was able to source ORS for Belize as well as a water purification plant for Guatemala. The Guatemala office reviewed all of its procurement processes, including a planning exercise for emergency supplies which resulted in 14 standby agreements with different suppliers to provide specific supplies during the first 48 hours of an emergency.

Procurement Services

Through Procurement Services, UNICEF leverages additional re-

UNICEF and the Government of India signed a three-year agreement to strengthen immunization in India, with \$110 million financed through a World Bank development credit. Under the first phase of the agreement, UNICEF India purchased \$23 million worth of OPV from Indian suppliers, part of the 800 million total doses procured in India in 2000.

Supply Division purchased a total of \$21 million worth of vaccines using Procurement Services funding. Some \$6.5 million was used to provide vaccines for 17 countries whose Governments signed a formal Memorandum of Understanding with UNICEF (Benin, Gambia, Ghana, Maldives, Kazakhstan, Turkmenistan, Uzbekistan, Lesotho, Lebanon, Pakistan (which alone accounted for \$4.9 million), Venezuela, Philippines, Tanzania, Togo, Uganda, Gabon and Yemen). Another \$5.5 million purchased vaccine for 13 countries under the Vaccine Independence Initiative (Bangladesh, Burkina Faso, Cape Verde, Chad, Gabon, Kenya, Mali, Mauritania, Cambodia, Morocco, Fiji, Philippines, Senegal). Under the Initiative, which was originally approved by UNICEF's Executive Board in 1991, countries have access to a revolving fund to procure vaccines with their own currencies, through the Procurement Services mechanism.

Another important contributor to Procurement Services is the Japanese International Cooperation Agency (JICA), who provided funding for supplies amounting to almost \$10 million in 2000. Almost half of the total, \$4.5 million, funded vaccines for 24 countries. JICA funding also provided essential drugs and medical supplies to a number of countries in Asia, including East Timor and Myanmar. UNICEF also provided vaccines to Bangladesh and Ghana using World Bank funding, as well as OPV for India using funding provided by the German Development Bank (KfW).



UNICEF/SD/00/F. Blanco

OPV funded by the Government of Japan en route from the manufacturer's production plants in Italy and Belgium to Dhaka, Bangladesh, for the National Immunization Days held in November 2000. The chartered aircraft carried 30 million doses of vaccine.

The Americas and the Caribbean accounted for just 3% of UNICEF's total supply volume. In most countries of the region, the supply component of country programmes is fairly low, although in Cuba and Haiti, for example, UNICEF provides substantial supply assistance. Most procurement is done locally, given the strong supplier base in the region. In Guyana, the supply portion of the UNICEF programme declined

sources for children by using the expertise and operations of its global supply function to purchases strategic supplies on behalf of Governments, other United Nations agencies and NGOs. During 2000, Supply Division received Procurement Services orders totaling \$67 million to provide essential supplies for women and children in 87 countries, largely vaccines, immunization supplies and pharmaceuticals.

UNICEF Supplier Countries
(Offshore, Regional and Local Procurement)

Country	Value (US\$)	Country	Value (US\$)
Afghanistan	1,975,563	Eritrea	1,569,055
Albania	517,292	Ethiopia	4,845,641
Algeria	363,148	Fiji	33,718
Angola	496,665	Finland	5,603,624
Argentina	350,565	France	33,688,898
Armenia	95,889	Gabon	11,776
Australia	2,269,199	The Gambia	119,967
Austria	1,830,786	Georgia	109,226
Azerbaijan	227,963	Germany	35,927,776
Bangladesh	2,811,965	Ghana	897,069
Barbados	117,594	Guatemala	830,797
Belarus	68,851	Guinea	239,680
Belgium	47,119,595	Guinea Bissau	67,039
Belize	51,858	Guyana	143,398
Benin	481,230	Haiti	491,227
Bhutan	643,042	Honduras	668,263
Bolivia	677,593	Hungary	57,679
Bosnia and Herzegovina	1,737,283	India	81,924,739
Botswana	278,957	Indonesia	6,607,687
Brazil	734,692	Iran, Islamic Republic of	552,191
Burkina Faso	1,204,831	Iraq	7,115,993
Burundi	789,870	Ireland	311,482
Cambodia	1,585,312	Israel	7,646
Cameroon	703,204	Italy	8,392,172
Canada	2,903,575	Jamaica	70,388
Cape Verde	124,266	Japan	24,116,541
Central African Republic	363,735	Jordan	704,920
Chad	758,072	Kazakhstan	76,176
Chile	1,205,974	Kenya	12,089,252
China	5,830,395	Korea, Democratic People's Republic of	290,971
Colombia	556,296	Korea, Republic of	3,577,479
Comoros	213,378	Kyrgyzstan	50,693
Congo	356,961	Lao People's Democratic Republic	739,554
Congo, Democratic Republic of the	2,060,076	Lebanon	910,917
Costa Rica	67,355	Lesotho	46,370
Côte d'Ivoire	374,340	Liberia	302,086
Croatia	7,168	Luxembourg	3,061,289
Cuba	682,359	Madagascar	1,367,050
Cyprus	496,205	Malawi	413,403
Czech Republic	34,577	Malaysia	3,609
Denmark	35,390,682	Maldives	96,446
Djibouti	123,307	Mali	1,551,804
Dominican Republic	162,938	Malta	1,848,797
East Timor	889,621	Mauritania	202,652
Ecuador	694,071	Mauritius	45,389
Egypt	2,015,494	Mexico	439,657
El Salvador	721,994	Moldova, Republic of	574,602
Equatorial Guinea	58,512	Mongolia	365,228

UNICEF Supplier Countries
(Offshore, Regional and Local Procurement)

Country	Value (US\$)	Country	Value (US\$)
Morocco	920,058	Spain	1,184,810
Mozambique	2,434,006	Sri Lanka	1,061,050
Myanmar	1,675,153	Sudan	707,542
Namibia	271,011	Swaziland	92,012
Nepal	1,349,270	Sweden	22,003,837
Netherlands	2,522,169	Switzerland	5,505,855
New Zealand	10,266	Syrian Arab Republic	220,466
Nicaragua	269,511	Tajikistan	55,720
Niger	582,181	Tanzania, United Republic of	2,934,430
Nigeria	2,131,459	Thailand	1,875,987
Norway	1,645,612	The Former Yugoslav Rep. of Macedonia	1,890,838
Oman	360,133	Togo	377,800
Pakistan	2,997,908	Tonga	1,724
Panama	165,058	Tunisia	225,435
Papua New Guinea	221,045	Turkey	18,977,812
Paraguay	56,825	Turkmenistan	29,621
Peru	475,971	Uganda	1,624,045
Philippines	2,074,221	Ukraine	166,364
Poland	498,700	United Arab Emirates	585,260
Portugal	29,543	United Kingdom	14,572,519
Romania	272,209	United States	14,152,044
Russian Federation	913,873	Uruguay	83,992
Rwanda	1,017,109	Uzbekistan	78,726
Samoa	1,750	Vanuatu	6,737
Sao Tome and Principe	13,728	Venezuela	1,086,903
Saudi Arabia	747	Viet Nam	2,582,880
Senegal	1,705,178	West Bank and Gaza	298,014
Sierra Leone	2,328,393	Yemen	853,575
Singapore	176,450	Yugoslavia (Kosovo)	1,454,584
Solomon Islands	13,237	Yugoslavia, Federal Republic (Serbia)	1,356,669
Somalia	849,209	Zambia	1,390,724
South Africa	9,727,855	Zimbabwe	627,265

Offshore Procurement Through Copenhagen/New York (orders over \$100,000)

Supplier	Commodities	Value (US\$)
Australia		
CSL Limited	Vaccines	285,000
Mono Pumps (Australia) Pty. Ltd.	Water and Sanitation	144,345
Austria		
Biochemie GmbH	Pharmaceuticals	1,005,835
Brevillier-Urban Schreibwarenfabrik	Education Supplies	215,301
Va Tech Elin EBG Motoren GmbH, Weiz	Water & Sanitation	547,400
Belgium		
Becton Dickinson	Medical Supplies	12,461,941
Demimpex	Transport	333,511
Laboratoria Wolfs N.V.	Nutrition, Pharmaceuticals	491,962
Manuchar NV	Education Supplies, Water and Sanitation	722,833
Michiels Fabrieken N.V.	Nutrition	190,928
Purna Pharmaceuticals N.V.	Nutrition, Pharmaceuticals	244,489
SmithKline Beecham Bio. Manuf.s.a.	Vaccines	32,397,032
Terumo Corporation Brussels Branch	Medical Supplies	183,371
Brazil		
Incasa Ind. E Com. Catarinense S/A	Nutrition	280,800
Canada		
Aventis Pasteur Canada	Vaccines	113,150
Gravenhurst Plastics Ltd.	Water and Sanitation	144,208
Intervax	Vaccines	2,463,959
Chile		
Inquim S.A.	Nutrition	1,041,820
China		
A.Andrews & Co.(Mail Order) Ltd., Hong Kong	Audio Visual Equipment	126,855
China Xi'an International	Water and Sanitation	224,580
Shanghai Medicines& Health Products	Medical Equip., Rehab./Disabilities	347,738
Zhejiang Supor Co., Ltd.	Medical Equipment	230,914
Cyprus		
Remedica Ltd.	Pharmaceuticals	486,420
Denmark		
A/S Vestfrost	Cold-chain Equipment	1,023,840
Ambu International A/S	Medical Equipment	202,094
BASF Health & Nutrition A/S	Nutrition	334,180
Becton Dickinson	Medical and Laboratory Supplies	126,765
Bukkehave Limited	Transport	3,075,973
Canon Danmark A/S	IT & Office Supplies	966,999
Chr. Bardram Health Care ApS	Medical Supplies	218,091
Codan Medical ApS	Medical Supplies	374,666
Compact A/S	Nutrition	103,906
Crown Gummed Paper A/S	Medical Supplies	129,587
Danimex Communication Ltd.	Communication Equip., IT & Office Supplies	663,726
Danish Dairy Suppliers	Nutrition	344,906
Danoffice Aps	IT & Office Supplies, Education Supplies	107,391
Dansk Farmaceutisk Industri A/S	Pharmaceuticals	348,675
Deutz Danmark A/S	Water and Sanitation, IT & Office Supplies, Medical Equip.	4,781,913
DLH Nordisk A/S	Education Supplies, Water and Sanitation, IT & Off. Sup.	571,213

Offshore Procurement Through Copenhagen/New York (orders over \$100,000)

Supplier	Commodities	Value (US\$)
EuroCare Denmark Ltd. ApS.	Clothing & Footwear	305,837
Faraone Danmark Aps	Education Supplies	390,084
Grundfos DK A/S	Water and Sanitation	5,948,225
H. Jessen Jürgensen A/S	Cold-chain Equipment	488,868
ITT Flygt A/S	Water and Sanitation	117,980
Johs. Gram-Hanssen Product Ltd.	Water and Sanitation	1,095,313
Kivex A/S	Medical Equipment	207,679
Luxo Danmark A/S	Medical Equipment	177,264
Merkantildata A/S	IT & Office Supplies	2,449,806
Monarflex	Water and Sanitation, Shelter/Field Equip.	913,335
Peter Justesen Company A/S	Office Supplies, Education Supplies	527,610
Psion Teklogix Denmark	Warehousing	199,438
Statens Seruminstitut	Vaccines	2,519,205
Egypt		
Unatrac International	Transport	1,184,920
Finland		
AB Crown Products OY	Education Supplies	690,854
Huurre Group OY	Cold-chain Equipment	215,146
Lindegaard Paperisto Oy	Education Supplies	412,204
Pa-Hu Oy	Medical Supplies	675,094
Sademan Oy	Nutrition	102,489
Valtra Inc.	Transport, Water and Sanitation	3,354,056
France		
AFME Sales	Transport	1,045,456
Agencinox	Medical Equipment	127,181
Arch Chemicals	Water and Sanitation	561,067
Aventis Pasteur	Vaccines	15,589,249
Compagnie Européenne d'Exportation	Medical/Hygiene Kits, Clothing & Footwear	191,674
Dawson France	Education Supplies	118,718
Degremont	Water and Sanitation	2,169,919
Dosapro Milton Roy	Water and Sanitation	208,884
Ingersoll-Dresser Pompes	Water and Sanitation, Medical Equipment	2,892,462
IRIS Instruments	Water and Sanitation	248,417
Jammet Dietetique Nouvelle S.A.	Nutrition	1,012,657
Laboratoires Guerbet	Pharmaceuticals	193,249
Laboratoires Renaudin	Pharmaceuticals	149,560
Nutriset	Nutrition	710,540
Omyacolor SA	Education Supplies	600,014
Panpharma Laboratories	Pharmaceuticals	413,422
Pont A Mousson S.A.	Water and Sanitation	4,014,829
Renault VI SA	Transport	129,406
S.E.D.A.T. S.A.	Medical Supplies	124,034
Sedapharm	Pharmaceuticals	157,757
Sofip	Office Supplies, Education Supplies, School Furniture	741,904
Sovema	Water and Sanitation	1,258,698
Vergnet S.A.	Water and Sanitation	101,416
Germany		
B. Braun Melsungen AG	Pharmaceuticals	275,227
Cerestar International Sales	Pharmaceuticals	116,087

Offshore Procurement Through Copenhagen/New York (orders over \$100,000)

Supplier	Commodities	Value (US\$)
Chiron Behring GmbH & Co.	Vaccines	19,198,668
Cubidor Bernd Schenk KG	Water and Sanitation	225,132
Destroject GmbH Medical Devices	Medical Supplies	2,683,022
Draeger Medizintechnik GmbH	Medical Equipment	205,426
F.W.Breithaupt & Sohn GmbH & Co.KG	Water and Sanitation	147,419
Hatz GmbH & Co KG	Water and Sanitation, Medical Equipment	708,177
Henke Sass Wolf GmbH	Medical Supplies	170,393
Ingersoll-Dresser Pumps	Water and Sanitation	444,304
Jela Schuh KG	Clothing & Footwear	229,841
Karl Gramm GmbH & Co. KG	Medical Supplies	121,170
KBI Kunststoffbeutel Prod. GmbH	Pharmaceuticals	1,280,118
Kunert Wellpappe GmbH & Co.	Warehousing	230,097
Landre GmbH	Education Supplies, IT & Office Supplies	168,523
Lomapharm, Rudolf Lohmann GmbH KG	Pharmaceuticals, Nutrition	1,177,501
SBF-Hagusta GmbH	Water and Sanitation	1,214,323
SECA Vogel & Halke GmbH & Co.	Nutrition (Scales)	1,708,992
Tyco Healthcare Deutschland GmbH	Medical Supplies	3,659,878
WTB Binder GmbH	Medical Equipment	274,724
India		
Ajay Industrial Corporation	Water and Sanitation	131,847
Apex Continental Ltd.	Cold-chain Equipment	757,502
Blow Kings	Cold-chain Equipment	755,502
Hero Cycles Ltd.	Transport	124,277
Kanam Latex Industries Private Ltd.	Medical Supplies	191,025
Karnataka Water Pumps Ltd.	Water and Sanitation	132,988
Kasi Combines Engineering Pvt.Ltd.	Water and Sanitation	104,410
Meera & Ceiko Pumps Pvt Ltd	Water and Sanitation	348,421
Serum Institute Of India Ltd.	Vaccines	10,862,535
Strides Arcolab Limited	Pharmaceuticals	933,329
Indonesia		
P. T. Bio Farma (Persero)	Vaccines	879,159
PT Dumex-Alpha Indonesia	Pharmaceuticals	187,247
Ireland		
Athlone Laboratories	Pharmaceuticals	175,028
Italy		
A.M.S. S.r.l.	Medical Equipment	267,061
Alfa Intes	Pharmaceuticals	179,854
Chiron S.p.A.	Vaccines	4,851,390
DAC srl	Water and Sanitation, Education Supplies, Medical Equip.	351,762
Gio Style Spa	Cold-chain Equipment	230,799
Nuova Industrie Biscotti Crich Spa	Nutrition	1,095,319
Nuova Omsa S.R.L.	Medical Equipment	370,989
R.P. Scherer SpA	Pharmaceuticals	145,196
Japan		
Eisai Co. Ltd.	Vaccines	637,365
Honda Trading Corporation	Transport	371,209
Isuzu Motors Limited	Transport	1,721,033
J. Gerber & Company (Japan) Ltd.	Transport	1,341,273
Japan BCG Laboratory	Vaccines	1,420,281

Offshore Procurement Through Copenhagen/New York (orders over \$100,000)

Supplier	Commodities	Value (US\$)
K. Arano & Co., Ltd.	Transport, Shelter/Field Equip.	392,109
Nissan Trading Co., Ltd	Transport	1,524,915
Olympus Optical Co. Ltd.	Laboratory Supplies	129,780
Sumitomo Corporation	Transport, Water and Sanitation	3,181,759
Suzuki Motor Corporation	Transport	308,025
TOA Corporation	Audio Visual Equipment	412,543
Toyota Motor Corporation	Transport	12,392,151
Korea, Republic of		
Cheil Jedang Corp.	Vaccines	210,440
Green Cross Vaccine Corporation	Vaccines	2,737,660
Korea Tarpaulin, Inc.	Shelter/Field Equip.	103,156
L G Chemical Ltd	Vaccines	157,590
Shin Poong Pharmaceutical Co. Ltd.	Pharmaceuticals	368,633
Lebanon		
Ard Unifert S.A.L.	Water and Sanitation	439,258
Luxembourg		
Electrolux S.a.r.l.	Cold-chain Equipment	3,058,891
Malta		
Pharmamed Ltd.	Pharmaceuticals	1,765,567
Nepal		
Instant Meal Pvt. Ltd	Nutrition	280,205
Netherlands		
Jolo Konfektie B.V.	Clothing & Footwear	212,400
Melchemie Holland B.V.	Household Technology	113,240
Project Production International BV	Water and Sanitation, Nutrition (salt iodization)	184,745
Simed International B.V.	Medical Equipment, Pharmaceuticals, Laboratory Sup.	1,065,641
The Medical Export Group	Medical Equipment	245,187
Tricom Paper International B.V.	Printing	130,183
Norway		
Fiskars Norge A/S	Education Supplies	410,562
Fortum AES Norway A/S	Cold-chain Equipment	192,396
Telenor Satellite Services	Communication Equip.	652,014
Weifa AS	Pharmaceuticals	153,010
Oman		
Suhail & Saud Bahwan	Transport	142,815
Pakistan		
Quicksilver Instruments	Medical Equipment	113,284
Philippines		
Medical Center Trading Corporation	Medical Equipment	76,860
Phil Pharmawealth Inc.	Medical/Hygiene Kits, Pharmaceuticals	378,640
Poland		
Polskie Zakłady Opyczne S.A.	Laboratory Supplies	282,942
Varimex	Medical Equipment	133,200
Russian Federation		
State Unitary Enterprise	Vaccines	264,600

Offshore Procurement Through Copenhagen/New York (orders over \$100,000)

Supplier	Commodities	Value (US\$)
Senegal		
Institut Pasteur de Dakar	Vaccines	642,096
South Africa		
J.L.R. International Services (Pty)	Nutrition	205,800
Premquip International	Medical Equipment	110,348
Zero Appliances	Cold-chain Equipment	306,648
Spain		
Automoviles Utilitarios S.A.	Transport	574,203
Bieffe Medital S.A. Spain	Pharmaceuticals	330,241
Vitafarma S.L.	Pharmaceuticals	110,100
Sweden		
Atlas Copco Craelius AB	Water and Sanitation	5,317,839
BIAB International AB	IT & Office Supplies, Medical Equipment, Agriculture	556,642
Distri Parts Sweden AB	Cold-chain Equipment	115,661
Graphium Consult AB	Printing Equipment and Supplies	3,622,500
HemoCue AB	Laboratory Supplies, Medical Equipment	148,124
JOSAB International AB	Water and Sanitation	122,374
Motala Metaltrykning AB	Medical Equipment	209,236
Scania CV AB	Transport, Water and Sanitation	779,589
Sibir	Cold-chain Equipment	951,360
Terumo Europe N.V. - Nordic Office	Medical Supplies	126,496
Volvo Truck Corporation	Transport	9,539,441
Switzerland		
ALLDOS International AG	Water and Sanitation	1,601,652
Buehler AG	Water and Sanitation	134,310
Ingersoll Rand International Sales	Water and Sanitation	331,603
Katadyn Products Inc.	Pharmaceuticals	356,545
Labatec-Pharma S.A.	Pharmaceuticals	145,070
Rivopharm	Pharmaceuticals	1,613,112
Swiss Serum & Vaccine Institute	Vaccines	830,390
Thailand		
Medicap Limited	Pharmaceuticals	217,058
Turkey		
Dogus Vana Ltd. Sti	Water and Sanitation	382,326
Egeplast A.S.	Water & Sanitation	171,254
Erbosan	Water and Sanitation	1,870,220
NOKSEL, Hendek Plant	Water and Sanitation	734,784
United Kingdom		
Aladdin Temp-Rite Limited	Cold-chain Equipment, Medical/Hygiene Kits	196,887
Avery Berkel Salter Weigh-Tronix	Nutrition	539,934
Avonchem Limited	Diagnostic Test Kits, Laboratory Sup., Water and Sanitation	412,247
Binney + Smith (Europe) Ltd.	Education Supplies	102,037
Boode U.K. Ltd.	Water and Sanitation	120,975
Codan (UK) Ltd.	Communication Equip.	374,706
Dando Drilling International Ltd.	Water and Sanitation	395,805
Drilling Equipment Supplies Ltd.	Water and Sanitation	118,830
Dulas Ltd.	Cold-chain Equip., Com. Equip., Water and Sanitation	885,442
Evenproducts Ltd.	Water and Sanitation	350,549

Offshore Procurement Through Copenhagen/New York (orders over \$100,000)

Supplier	Commodities	Value (US\$)
Fairey Industrial Ceramics Ltd.	Water and Sanitation	157,788
Glaxo Wellcome Export Ltd.	Pharmaceuticals	3,173,483
Helix Ltd.	Education Supplies	113,736
Hoskins Medical Equipment Ltd.	Medical Equipment	516,018
Norton Healthcare Ltd.	Pharmaceuticals	104,115
NRG International	IT & Office Supplies, Education Supplies	135,329
NUMA Down Hole Hammers & Bits	Water and Sanitation	114,776
Oxfam	Nutrition	115,701
Prestige Medical	Medical Equipment, Cold-chain Equipment	228,383
Robens Institute	Water and Sanitation	135,527
Smith Kline Beecham International	Pharmaceuticals	111,480
Sunrise Medical Limited	Medical Equipment	153,977
Supreme Plastics Ltd.	Education Supplies	111,829
TBWA \ London Limited	Communication Material	386,076
Toyota Gibraltar Stockholdings Ltd.	Transport	699,396
Tri-Med Ltd.	Shelter/Field Equip.	181,950
Viking Johnson	Water and Sanitation	576,040
Wagtech International Ltd.	Water and Sanitation	235,820
Westac Power Limited	Water and Sanitation, Electrical Equipment	1,556,023
Xerox Limited	Office Supplies, Education Supplies	228,081
United States		
American Power Conversion	IT & Office Supplies	225,413
Arenson Office Furnishings	IT & Office Supplies	206,965
Atlantic Business Systems, Inc.	IT & Office Supplies, Education Supplies	1,033,321
Cabletron Systems Inc.	IT & Office Supplies, Communication	720,388
Cardinal/Detecto International	Nutrition	152,800
Compaq Computer Corp.	Communication	101,654
Compaq Services	IT Services	250,000
CompUSA	IT & Office Supplies	106,835
Digital Generation Systems, Inc	Audio-visual services	138,710
Fisher Scientific Worldwide Inc.	Laboratory Supplies, Medical Equipment	275,651
Hewlett Packard	Communication, IT & Office Supplies	1,535,562
Johnson & Johnson	Pharmaceuticals	185,400
Maltbie Associates	Design services	320,000
Manchester Equipment Co. Ltd.	IT & Office Supplies, Communication Equip.	587,353
Manhattan Information Systems, Inc	Communication	375,973
MD International Inc.	Medical Equipment	191,488
Merck & Co., Inc.	Vaccines	136,500
Office Depot	IT & Office Supplies	166,529
Oracle Corporation	IT & Office Supplies	103,771
Pioneer Standard Electronics, Inc.	IT & Office Supplies	700,558
Rave Software Solutions Inc.	IT Services	361,000
Remlitho, Inc.	Printing	157,116
SAP America Inc.,	IT Supplies & Services	332,600
Shorr Production	Nutrition	449,940
Software Spectrum	IT & Office Supplies	928,507
Sybase, Inc.	IT & Office Supplies	132,892
Tanagraphics Inc.	Printing services	290,380
Xerox, The Document Company	Photocopiers	157,082
United Arab Emirates		
National Plastic & Building	Water and Sanitation	127,059

Regional and Local Procurement by UNICEF Field Offices (orders over \$100,000)

Supplier	Commodities	Value (US\$)
Albania		
Infosoft Systems Shpk	Com. Equipment, IT & Office Supplies, Printing	113,004
Australia		
Bridge Autos (Toyota) Pty Ltd	Transport	465,305
Corporate Express Australia Ltd	Education Supplies, IT & Office Supplies,	213,927
Computer Sales & Leasing	Communication Equip., Education Sup., IT & Office Sup.	138,112
Independent Building Products	Water and Sanitation, School Rehabilitation Materials	588,236
National 1 Office Solutions	Education Supplies, IT & Office Supplies, Printing	120,746
The Honda Shop Darwin	Transport	112,747
Bangladesh		
China Fujian Sahco Wood. Pencil Fact. Ltd.	Education Supplies	171,764
Desktop Computer Connection Ltd	IT & Office Supplies, Printing, Water and Sanitation	150,410
Elite Printing & Packages Ltd.	Education Supplies, Printing	304,443
G. A. Traders	Water and Sanitation	409,233
Goodwill Trade International	Education Supplies	118,536
Orchid Printers	Education Sup., Printing, Wat. & San.	165,227
Sidko Limited	Water and Sanitation	211,750
Stamford Computers Pte. Ltd.	IT & Office Supplies, Printing	148,529
Benin		
Sobepat	Transport	140,829
Bosnia and Herzegovina		
Avery D. O. O. Sarajevo	Education Supplies, Medical/Hygiene Kits	180,513
Djaja Sarajevo	Education Supplies	122,389
Mikena D. O. O.	Com. Equip., Education Sup., IT & Off. Sup.	162,886
Botswana		
Daisy Loo Botswana	Water and Sanitation	104,457
Cambodia		
Pps International, Phnom Penh	Water and Sanitation	152,630
Cameroon		
Ets. Rashil	Education Supplies	233,063
Messapresse	Education Supplies, IT & Office Supplies, Printing	129,918
China		
Beijing Huixue Teaching Aids Centre	Education Supplies	233,027
Beijing Liyuan Technical Co. Ltd	Com. Equip., Education Supplies, IT & Office Supplies	125,022
Department Of Basic Education Moe	Printing, IT & Office Supplies	100,338
Jiangsu Medicines & Health Products	Cold-chain Equip., Educ. Sup., Medical/Hygiene Kits,	147,025
M/S Beijing Huazhong Economic	Communication Equipment, IT & Office Supplies	105,833
M/S Beijing Jintongjiu Science & Trade	Communication Equipment, IT & Office Supplies, Printing	189,465
M/S Hainan Sheng-Chang Wuye Development	Com. Equip., Education Supplies, Shelter/Field Equip.	266,295
Ministry Of Public Health - Epi Division	Vaccines	1,619,996
People's Education Press	Printing	489,272
Congo, Democratic Republic of the		
Agb S.P.R.L.	Education Supplies, Printing	191,329
Afrique-Editions S.A.R.L.	Education Supplies	217,008
Graphic Systems	Education Supplies, Printing	114,153
Katumbi Constructions "Katco"	IT & Office Supplies	129,990
Kinpress (Imprimerie Typo-Ofset)	Education Supplies, IT & Office Supplies, Printing	156,281
East Timor		
Uma Roofing Dili	Water and Sanitation	518,555
Ecuador		
Imprenta Mariscal	Printing	228,888

Regional and Local Procurement by UNICEF Field Offices

(orders over \$100,000)

Supplier	Commodities	Value (US\$)
Egypt		
Eslon Egypt	Water and Sanitation	399,935
El Salvador		
Almacenes Mimotex	Clothing & Footwear, Educ. Sup., Shelter/Field Equip.,	141,099
Ferreteria A-Z	Laboratory Supplies, Water and Sanitation,	101,181
Eritrea		
Azeze Berachi Import-Export	Nutrition	276,316
Sabur Printing Press	Education Supplies, Identification & Signage, Printing	197,333
Truebell Marketing & Trading L.L.C.	Nutrition, Transport, Water and Sanitation	241,924
Union Plastic Industries	Water and Sanitation	127,175
Ethiopia		
Abadir Enterprise	Communication Equipment, Water and Sanitation	165,037
Debre Berhan Blanket Factory	Shelter/Field Equipment,	249,665
Graphic Printers	Education Supplies, Printing	183,796
Haron Computer Pvt. Ltd. Co.	IT & Office Supplies, Printing	338,978
Kassaye Aseged, Metal Engineering	Education Supplies, IT& Office Supplies, Medical Equip.	182,934
Moenco	Transport, Educ. Supplies, Printing, Water and Sanitation	738,721
Omedad Pvt. Ltd. Co.	Com. Equip., Education Supplies, Water and Sanitation	226,852
Pro-Tech P.L.C.	IT & Office Supplies, Printing	204,218
Ss Sewing Machine & Spare Parts	Com. Equip., Education Supplies	127,210
Selamawit Abate	Educ. Sup., Household Technology, Shelter/Field Equip.	742,516
Sigmo Sawmill	Education Supplies, IT& Office Supplies, Medical Equip.	100,981
Ghana		
Kwadwo Boamah Ent.	Education Supplies, IT& Office Supplies	354,388
Haiti		
Ator / Les Ateliers Oreste	Education Supplies, Com. Equip., Water and Sanitation	135,628
Honduras		
Industria Cementera Hondurena (Incesa)	Water and Sanitation, Nutrition	104,843
India		
Advance Steel Tubes Ltd	Water and Sanitation	794,595
Antartica Limited	Printing	201,040
Aadarsh Printers and Publishers	Printing, Water and Sanitation	138,720
Ajay Industrial Corporation	Printing, Water and Sanitation	1,739,263
Amritsar Swadeshi Woollen Mills	Shelter/Field Equipment,	182,717
Ashok Leyland Limited	Transport	183,908
Asia Pack Limited	Shelter/Field Equipment	361,171
B Dayal & Co. Pvt. Ltd	Education Supplies	167,250
Bharat Imm.&Biological Corp.Ltd.	Vaccines	10,942,789
Blow Kings	Printing, Cold-chain Equipment	403,680
Dubl Duck Marketing Co.	Shelter/Field Equipment, Water and Sanitation	237,148
Eros Industries	IT & Office Supplies, Medical Equipment, Warehousing	213,531
Gracure Pharmaceuticals Ltd	Pharmaceuticals, Printing	193,771
Godrej & Boyce Mfg. Co. Ltd., Mumbai	IT & Office Supplies, Medical Equipment, Warehousing	124,611
Gujarat Raffia Industries Ltd.	Shelter/Field Equipment	541,937
Haffkine Bio-Pharm. Corp. Ltd.	Vaccines	9,940,000
Hcl Infosystems Ltd.	IT & Office Supplies, Printing	175,678
Hexagon Chemoils Pvt. Ltd., Mumbai	Pharmaceuticals	109,332
Himedia Laboratories Limited	Printing, Water and Sanitation	100,459
Hindustan Syg. & Medical Devices Ltd.	Medical Supplies	161,845
Ingersoll-Rand (India) Limited	Water and Sanitation	745,758
Jain Metal Components. Pvt. Ltd.	Medical Equipment	261,136
Kaizen Plastomould Private Ltd.	Cold-chain Equipment	376,704

Regional and Local Procurement by UNICEF Field Offices

(orders over \$100,000)

Supplier	Commodities	Value (US\$)
Karnataka Water Pumps Pvt. Ltd.	Water and Sanitation	140,881
Lepakshi Handicrafts Emporium	Clothing & Footwear, Shelter/Field Equipment	287,364
Maan Pharmaceuticals Ltd	Laboratory Sup., Pharmaceuticals, Shelter/Field Equip.	1,634,837
Medikits	Medical Equipment, Medical/Hygiene Kits	145,740
Mahindra & Mahindra Ltd.	Transport, Printing	1,042,696
Medicamen Organics Ltd.	Laboratory Supplies, Nutrition, Pharmaceuticals	122,045
Meera & Ceiko Pumps Pvt Ltd	Printing, Water and Sanitation	403,227
Mrignayani, M.P. Govt. Emporium	Shelter/Field Equipment	146,346
Murti Enterprises	Nutrition, Water and Sanitation	536,441
Naba Mudran (P) Ltd.	Education Supplies, Printing	149,975
Narayan Paper House	Education Supplies	185,536
Nestor Pharmaceuticals Ltd.	Medical Equip., Pharmaceuticals, Vaccines	1,406,883
New Model Impex Pvt. Ltd., New Delhi	Printing	142,785
Newton Plastic & Screen Printing Works	Printing	298,555
Nikhil Offset	Printing, Warehousing	192,970
Ori-Plast Limited	Nutrition, Water and Sanitation	469,246
Orchid Biomedical Systems, Goa	Diagnostic Test Kits	152,753
Panacea Biotech Limited	Vaccines	20,653,209
Pasricha Surgicals Co. Pvt. Ltd.	Laboratory Sup., Medical Equip., Medical/Hygiene Kits	136,493
Pratibha Press	Education Supplies, Printing	182,782
Polytrusions Pvt Ltd.	Water and Sanitation	256,253
Span Pumps Private Limited	Water and Sanitation	453,557
Sri Sarbati Steel Tubes Ltd.	Water and Sanitation	105,946
Studio Printal (New Delhi)	Communication Equipment, Identification & Signage	199,491
Salter India Private Ltd., New Delhi	Medical Equipment, Nutrition	372,974
Samar Trade and Industry	Education Supplies, Medical Equip., Shelter/Field Equip.	262,465
Serum Institute Of India Ltd.	Vaccines	133,276
Sintex Industries Ltd. (Plastics Divn.)	Water and Sanitation	563,623
Surya Roshni Limited, Bahadurgarh	Nutrition, Water and Sanitation	513,096
Tata Engineering & Locomotive Co. Ltd.	Transport	25,997
Tata Iron & Steel Co. Ltd.	Water and Sanitation	153,993
Top Syringe Manufacturing Co.	Medical Supplies	324,555
Tata Engineering & Locomotive Co. Ltd.	Transport, Water and Sanitation	126,523
The Tamil Nadu Weavers Coop. Soc. Ltd.	Clothing & Footwear	141,773
U.P. State Handloom Corporation Ltd.	Clothing & Footwear	308,650
Usha International Limited	Education Supplies, Water and Sanitation	351,028
Vestergaard Frandsen (I) Pvt. Ltd.	Household Tech., Medical Equip., Shelter/Field Equip.	1,383,416
Indonesia		
Ositek	IT & Office Supplies, Pharmaceuticals	378,077
Pt Soho Industri Pharmasi	Pharmaceuticals	274,943
Pt. Gizindo Prima Nusantara	Nutrition	3,395,800
Pt. Intra Cipta Mandiri	Education Supplies, Shelter/Field Equip.,	270,998
Iraq		
Abdul Karim Abass Blacksmith-Erbil	Printing, Water and Sanitation	176,202
Ara Company - Sulaimanyah	Cold-chain Equip., Educ. Sup., Water and Sanitation	123,019
Azmir Bureau – Sulaimanyah	Medical Equipment, Water and Sanitation	190,324
Bilend Bureau - Dohuk	Water and Sanitation	158,783
Brayan Company - Dohuk	Water and Sanitation	135,625
Chinar Company - Dohuk	IT & Office Supplies, Printing, Water and Sanitation	173,808
Cihan Company - Erbil	Transport, Medical Equipment, Water and Sanitation	109,670
Dana Contracting Company - Erbil	IT & Office Supplies, Printing, Water and Sanitation	154,560
Dastan Company - Erbil	Water and Sanitation, Medical Equipment, Printing	174,666
Dunya Company - Erbil	Education Supplies, IT & Office Supplies	124,654

Regional and Local Procurement by UNICEF Field Offices

(orders over \$100,000)

Supplier	Commodities	Value (US\$)
Far East Computer Centre Svcs	IT & Office Supplies, Printing	100,634
Halabja Company - Sulaimanyah	Water and Sanitation, IT & Office Supplies,	117,733
Haream Company - Sulaimanyah	IT & Office Supplies Printing, Water and Sanitation	150,965
Hoshang Company - Erbil	Education Supplies, IT & Office Supplies, Transport	164,340
Khoshnaw Company - Erbil	IT & Office Supplies, Transport, Water and Sanitation	247,273
Kodo Company - Erbil	IT & Office Sup., Printing, Transport, Water and Sanitation	236,330
Natawa Factory - Erbil	Water and Sanitation, Medical Equipment, Nutrition	180,325
Qala Limited Company - Sulaimanyah	IT & Office Supplies, Water and Sanitation, Medical Equip.	168,135
Rozhan Company - Sulaimanyah	IT & Office Supplies, Medical Equipment,	260,877
Serwan Brick Company Ltd - Sul	Water and Sanitation	102,292
Shallaw Company - Erbil	IT & Office Supplies, Transport, Water and Sanitation	143,211
Sulaimanyah Cement Factory - Sul	Water and Sanitation	399,888
Sulav Company - Dohuk	Water and Sanitation	129,900
Van Company - Erbil	IT & Office Supplies, Water and Sanitation	107,511
Kenya		
Alibhai Shariff & Co Ltd.	IT & Office Supplies, Transport, Water and Sanitation	144,689
Caltex Oil (Kenya) Limited	Fuel & Lubricants	135,100
Care Southern Sudan	Agriculture	115,000
Circuit Business Systems Ltd	Education Supplies, IT & Office Supplies, Printing	658,439
Color Creations	Clothing & Footwear, Com. Equip., Identification & Signage	188,161
Davis & Shirtliff Limited	Water and Sanitation	441,778
Desbro (Kenya) Limited	Laboratory Supplies, Water and Sanitation	286,829
Eslon Plastic Of Kenya Ltd.	Water and Sanitation	111,696
Euro Water Services Ltd	Laboratory Supplies, Water and Sanitation	201,594
Gailey & Roberts Limited	Cold-chain Equipment, Water and Sanitation	159,998
House Of Manji	Nutrition	1,538,023
Insteel K. Ltd.	Water and Sanitation	157,271
Lagutrop (Kenya) Ltd.	Water and Sanitation	263,257
Mitcofax Int. Office Solutions	Com. Equip., Education Supplies, Water and Sanitation	141,704
Multiple Functions Ltd	Cold-chain Equip., Educ. Sup., Water and Sanitation	194,839
Nairobi Ironmongers Ltd	Cold-chain Equip., Educ. Sup., Pharmaceuticals	843,542
Pat Africa Drilling Ltd	Water and Sanitation	120,654
Ramco Printing Works Ltd	Education Supplies, Identification & Signage	188,426
Ricky Stationers	Educ. Sup., Laboratory Supplies, Water and Sanitation	122,267
Rymans Limited	Educ. Sup., Medical/Hygiene Kits, Shelter/Field Equip.	761,629
Siamdutch Mosquito Netting Co. Ltd	Bednets	192,100
Techno Enterprise Limited	Educ. Sup., Medical/Hygiene Kits, Water and Sanitation	1,039,867
Telemedia Communications Ltd	Communication Equipment, IT & Office Supplies	201,449
Vestergaard Frandsen (Ea) Limited	Shelter/Field Equipment	332,650
Wonder Foods Ltd	Nutrition	165,948
Liberia		
Petrol 1 Inc.	Fuel & Lubricants	103,822
Madagascar		
Societe Malgache D'equipements	Cold-chain Equipment, Shelter/Field Equipment,	242,259
Somami	Educ. Sup., Fuel & Lubricants, Medical Equip.	112,421
Mali		
Afric Diffusion	Education Supplies	139,858
Elf Oil Mali S.A.	Fuel & Lubricants	112,364
Libr. Papet. Médina Ets Ousmane Diaby	Educ. Sup., Shelter/Field Equip., Water and Sanitation	117,003
Système D'énergie Solaire (Ses Corp)	Communication Equipment	102,265
Moldova, Republic of		
Leo-Taii S.R.L.	Clothing & Footwear	198,077

Regional and Local Procurement by UNICEF Field Offices (orders over \$100,000)

Supplier	Commodities	Value (US\$)
Mongolia		
Mongol Uaz Co., Ltd	Transport	112,015
Morocco		
Plastima	Water and Sanitation	112,903
Mozambique		
Bp - Mocambique, Ltd	Fuel & Lubricants, Water and Sanitation	152,132
Dataserv Lda	IT & Office Supplies, Printing	142,611
Entrepoto Comercial De Mocambique, Sarl	Agriculture, Transport	162,651
Hansen & Boode Lda.	Water and Sanitation, IT & Office Supplies, Printing	118,941
Mapas Pegado	Education Supplies	213,303
Zeneca International Limited.	Laboratory Supplies	383,810
Myanmar		
Hintha Nyi Naung	Printing, Warehousing, IT & Office Supplies	177,564
Myanmar Megasteel Industries Ltd.	Water and Sanitation	464,127
Myanmar Pipes & Accessories Co., Ltd	Water and Sanitation	278,444
Pyi-Myanmar Printing & Publishing	Printing, Warehousing	102,905
Nepal		
Elite Network & Communications P. Ltd	IT & Office Supplies Printing	112,819
Instant Meal Pvt. Ltd	Nutrition	154,701
Nigeria		
Chi Pharmaceuticals Ltd	Bednets	234,742
Nigeria Synthetic Fabrics Limited	Bednets, Medical Supplies	142,082
Om Limited	Water and Sanitation	210,768
Sun Flag (Nigeria) Ltd.	Bednets, Medical Supplies	125,370
Pakistan		
Islamabad Automotives Company Ltd	Transport	153,975
M/S Ghousia Iron & Engineering Works	Water and Sanitation, Printing	124,659
M/S Jubilee Furnishers	Education Supplies, IT & Office Supplies	217,153
M/S Khursheed Printers(Pvt) Ltd.,	Printing	163,834
Prince Book Bank	Education Supplies, Printing	102,376
Shafisons Engineering (Pvt) Ltd.,	Water and Sanitation	107,078
United Industries (Lhr Pvt) Ltd.,	Education Supplies	122,527
Kawsar Engineering Works, Pak.	Water and Sanitation	187,750
Safts Printers & Designers	Education Supplies, Printing	102,817
Philippines		
Micropacific Technologies Co., Ltd.	Communication Equipment, Education Supplies	192,062
Russian Federation		
Marusha Stavropol	Medical/Hygiene Kits	108,813
Rwanda		
Regie De L'imprimerie Scolaire - Impris	Printing	137,807
Senegal		
Msp	Education Supplies	131,873
So Se Co	Education Supplies	159,630
Sierra Leone		
Infinity Designs	Clothing & Footwear, Educ. Sup., Water and Sanitation	173,831
International Associated Services	Clothing & Footwear, Fuel & Lubricants, Water & Sanitation	303,646
Sam King Services	Clothing & Footwear, Education Supplies,	228,699
Somalia		
Global Contracting Co.	Water and Sanitation	170,000
South Africa		
A To Z Textile Mills Limited	Clothing & Footwear, Shelter/Field Equipment	1,565,281

Regional and Local Procurement by UNICEF Field Offices

(orders over \$100,000)

Supplier	Commodities	Value (US\$)
Aventis Environmental Science	Household Tech., Laboratory Sup., Shelter/Field Equip.	442,680
Bayer	Household Technology, Laboratory Supplies	203,024
Capri Bag Manufacturers (Pty) Ltd	Education Supplies	453,975
Cicci S.A. (Pty) Ltd.	Household Tech., Identification & Signage	458,152
Cip Industries Inc.	Cold-chain Equipment, Education Supplies, Printing	198,056
Edeni International Trading Cc	Laboratory Supplies, Transport, Water and Sanitation	232,772
Enterprise Connection	Communication Equipment, IT & Office Supplies, Printing	127,959
Griffin Trading C.C.	Shelter/Field Equipment	266,840
Heystekrand Furniture Factory	Education Supplies, Medical Equip., Medical Renewable	123,263
Kawena Distribuidores, Lda	Medical/Hygiene Kits, Water and Sanitation	471,294
Korea Tarpaulin, Inc	Shelter/Field Equipment	117,311
New Way Motor & Diesel Engineering	Medical Equip., Shelter/Field Equip. Water and Sanitation	139,274
Nissan South Africa (Pty) Ltd	Transport	633,904
Sabre Pharmaceuticals (Pty) Ltd	Medical Supplies, Medical/Hygiene Kits	174,241
Townsend International (Pty) Ltd	Shelter/Field Equipment, Water and Sanitation	184,519
Thorex C.C	Medical/Hygiene Kits, Transport	304,243
Yukon International (Pty.) Ltd.	Education Supplies	312,927
Yamaha Distributors	Transport	228,091
Yukon International (Pty) Ltd.	Education Supplies	298,823
Zero Applicances	Cold-chain Equipment	498,816
Switzerland		
Ascom Sa	IT & Office Supplies, Printing	119,920
United Republic of Tanzania		
D.T.Dobie & Co. (Tanzania) Ltd	Transport	196,384
Peter Justesen Company A/S (Tanzania)	Communication Equipment, Medical/Hygiene Kits	112,162
Poly-Med (Tanzania) Ltd	Education Supplies, Laboratory Sup., Medical Equipment	235,275
Samaray Agro Ltd	Bednets, Water and Sanitation	169,331
Step In Limited	Education Supplies, IT & Office Supplies, Printing	160,192
Tanzania Printers Limited	Education Supplies, Medical/Hygiene Kits, Printing	446,483
Tata Holdings (T) Ltd	Transport	465,947
Tmtl (Textile Manufacturers Of (T)	Clothing & Footwear, Bednets, Medical Equip.	127,304
Thailand		
Kingrich Enterprise Pte., Ltd.	Printing	227,933
Siam-Dutch Mosquito Netting Co., Ltd.	Bednets, Medical Renewable	252,231
The Former Yugoslav Rep. of Macedonia		
"Rade Koncar-Elektricni Postrojki" D.O.O	Education Supplies	191,812
Avtoprogres Plus Dooel Tetovo	Education Supplies	354,574
Pptu "Tehnosektor 2" - Skopje	Laboratory Supplies, Medical Equipment, Pharmaceuticals	225,265
T.P. "Oprema" - Export/Import Doo Skopje	Communication Equipment, Medical Equipment	113,317
Vinora D.O.O.	Medical Equipment	148,890
Togo		
Cica-Toyota	Transport	126,089
Turkey		
Arbel Pulse and Grain Group	Nutrition	460,032
Astas	Education Supplies, IT & Office Supplies	900,491
Adel Kalemcilik Ticaret Ve Sanayi A.S.	Education Supplies	985,118
Anadoluendrustriyel Motor Sanayi A.S.	Water and Sanitation, Printing	103,192
Burosit Buro Donanimlari San Ve Tic	IT & Office Supplies	179,048
Egeplast A.S.	Water and Sanitation	109,506
Erbosan	Water and Sanitation	3,190,408
Forum International Trade Co.Ltd	Communication Equipment, Education Supplies	187,361
Gurgenler A.S.	Water and Sanitation	578,116

Regional and Local Procurement by UNICEF Field Offices (orders over \$100,000)

Supplier	Commodities	Value (US\$)
Kelebek Mobilya Ve Kontrplak San.	IT & Office Supplies	471,299
Kombassan Kozoglu Kagit Karton Urunleri	Education Supplies, IT & Office Supplies, Printing	1,995,191
Lezzet Gida San. Ve Tic. As.	Nutrition	1,219,599
Meteksan Printing & Ind. Trade Co.	Education Supplies, IT & Office Supplies, Printing	902,483
Omni Teknoloji Bilgisayar Sanayi Ve Tic.Ltd	Education Supplies, IT & Office Supplies, Printing	114,882
Prefi Prefabrik Yapi End. Ve Tic.Ltd. Sti.	Water and Sanitation	609,626
Treysan Prefabrik Celik Yapilar A.S	Water and Sanitation	1,099,500
Uganda		
Crestanks Limited	Water and Sanitation	211,770
New Vision Printg & Publishg Corp.	Printing	115,383
Poly Fibre (U) Ltd	Water and Sanitation	324,627
Uganda Baati Ltd	Water and Sanitation	115,466
United Arab Emirates		
National Plastic & Building Material Ind	Water and Sanitation	335,974
Venezuela		
Estampado Electro Screen 655 C.A.	Education Supplies, Medical/Hygiene Kits, Printing	120,625
TODO MUEBLE, C.A.	Education Supplies, IT & Office Sup., Water & Sanitation	101,382
Viet Nam		
Centre For Rws & Es - Moard.	Water and Sanitation, IT & Office Supplies	293,575
Cong Ty Duoc Vat Tu Y Te Tra Vinh	Laboratory Sup., Medical/Hygiene Kits, Pharmaceuticals	378,196
Danang Plastic Factory	Water and Sanitation	149,044
Dien Hong Printing Factory	Education Supplies, Printing	114,692
Metran Medical Co., Ltd	Medical Equipment	134,174
Mechanical Factory District No. 6	Printing, Water and Sanitation	124,488
Thieu Nien Tien Phong Plastic Factory	Water and Sanitation	322,092
Yemen		
Bayhan Trading & Agencies	Water and Sanitation	148,649
Yugoslavia, Fed. Rep. (Serbia)		
Drvna Industrija Sloga	IT & Office Supplies, Education Supplies	454,952
Grafopapir	IT & Office Supplies, Education Supplies	416,034
Grubin Export Import	Clothing & Footwear	128,790
Invest Import	Clothing & Footwear	526,500
Lada Trade	Transport	120,900
Masinsko-Metalska Skola Niksic	Printing, IT & Office Supplies, Medical Equipment	157,656
Publikum	Printing, Education Supplies	129,798
Sakom	Clothing & Footwear	167,552
Simpo	Shelter/Field Equipment, Medical/Hygiene Kits	142,766
Zavod Za Ekonomiku Domacinstva	IT & Office Supplies, Education Supplies	117,800
Yugoslavia (Kosovo)		
Domi Commerce	Clothing & Footwear	201,876
Galanteria	Education Supplies	161,603
Komtel	IT & Office Supplies, Printing	138,507
Zambia		
Longmans Zambia Ltd	Printing, Education Supplies	112,854
Luangwa Industries Limited	Transport	137,340
New Horizon Printing Press	Printing	160,430
Quantum Technology Africa Ltd	Printing, IT & Office Supplies	192,229
Tata (Z) Limited	Transport, Education Supplies, IT & Office Supplies, Printing	131,211
Zimbabwe		
Makonde Industries (Pvt) Ltd	Nutrition	149,869
Mazongororo Paper Converters (Pvt) Ltd	Printing	184,462

Where Supplies Are Used:
Value of Supplies Procured and/or Delivered per Country
Includes All Programme Orders , Procurement Services & OFFP

Country	Value (US\$)	Country	Value (US\$)
Afghanistan	4,918,123	Fiji	617,977
Albania	2,043,340	Finland	2,084
Algeria	528,697	Gabon	111,957
Angola	5,127,880	The Gambia	588,054
Argentina	77,716	Georgia	856,775
Armenia	420,469	Ghana	6,002,039
Azerbaijan	725,075	Grenada	2,734
Bangladesh	22,115,068	Guatemala	899,927
Barbados	130,662	Guinea	1,483,819
Belarus	143,489	Guinea Bissau	839,803
Belize	75,673	Guyana	187,546
Benin	1,670,071	Haiti	1,620,784
Bhutan	1,024,121	Honduras	859,218
Bolivia	1,343,045	India	70,960,354
Bosnia and Herzegovina	2,175,831	Indonesia	7,483,963
Botswana	939,374	Iran, Islamic Rep. of	878,450
Brazil	585,385	Iraq*	94,483,787
Bulgaria	409,749	Jamaica	108,336
Burkina Faso	2,633,217	Jordan	541,412
Burundi	3,192,002	Kazakhstan	540,637
Cambodia	3,801,135	Kenya	7,028,798
Cameroon	1,978,577	Kiribati	39,931
Cape Verde	295,166	Korea, Democratic People's Rep.	4,651,342
Central African Republic	1,415,871	Kyrgyzstan	657,873
Chad	2,191,825	Lao People's Dem. Republic	1,349,786
Chile	176,611	Lebanon	2,339,620
China	5,116,836	Lesotho	241,667
Colombia	488,900	Liberia	1,484,694
Comoros	335,255	Libyan Arab Jamahiriya	3,938
Congo	1,401,524	Madagascar	4,416,412
Congo, Democratic Rep. of the	11,948,724	Malawi	1,659,107
Cook Islands	2,610	Malaysia	3,609
Costa Rica	67,355	Maldives	215,104
Côte d'Ivoire	1,535,598	Mali	4,008,435
Croatia	17,796	Marshall Islnds	12,200
Cuba	1,006,354	Mauritania	1,235,718
Djibouti	384,289	Mauritius	75,952
Dominican Republic	234,257	Mexico	413,476
East Timor	2,840,699	Micronesia	19,086
Ecuador	694,071	Moldova, Republic of	1,752,323
Egypt	932,289	Mongolia	1,271,321
El Salvador	851,125	Morocco	3,508,416
Equatorial Guinea	268,511	Mozambique	10,175,181
Eritrea	5,727,247	Myanmar	8,966,291
Ethiopia	17,062,489	Namibia	464,417

*Includes OFFP and Iraq country programme

Where Supplies Are Used:
Value of Supplies Procured and/or Delivered per Country
 Includes All Programme Orders , Procurement Services & OFFP

Country	Value (US\$)	Country	Value (US\$)
Nepal	2,246,826	Swaziland	166,270
Nicaragua	376,821	Syrian Arab Republic	556,178
Niger	3,261,309	Tajikistan	912,639
Nigeria	15,945,520	Tanzania, United Republic of	7,353,346
Oman	236,633	Thailand	1,289,911
Pakistan	21,968,346	The Former Yugoslav Rep. of Macedonia	1,469,886
Panama	340,879	Togo	859,572
Papua New Guinea	369,641	Tonga	12,601
Paraguay	66,371	Tunisia	269,536
Peru	547,421	Turkey	7,303,118
Philippines	6,194,021	Turkmenistan	593,608
Romania	294,015	Tuvalu	1,363
Russian Federation	1,737,498	Uganda	7,016,893
Rwanda	2,018,456	Ukraine	745,302
Samoa	19,694	Uruguay	73,985
Sao Tome and Principe	57,316	Uzbekistan	1,161,918
Saudi Arabia	6,282	Vanuatu	39,652
Senegal	2,550,606	Venezuela	1,354,327
Sierra Leone	3,904,649	Viet Nam	3,673,658
Solomon Islands	35,381	West Bank and Gaza	393,621
Somalia	5,837,189	Yemen	3,087,825
South Africa	96,816	Yugoslavia (Kosovo)	2,236,814
Sri Lanka	1,695,918	Yugoslavia, Fed. Rep. (Serbia)	6,221,798
Sudan*	10,925,022	Zambia	4,769,686
Suriname	15,541	Zimbabwe	1,038,302

* Includes Operation Lifeline Sudan and Sudan country programme

Invitations to Bid and Responses Received (Offshore Procurement)

Country	Number of Invitees	Number of Responses
Argentina	1	0
Austria	10	6
Australia	13	7
Bangladesh	2	2
Belgium	35	29
Bolivia	1	0
Brazil	5	3
Canada	18	12
China (excluding Hong Kong)	12	7
Chile	1	1
Croatia	4	0
Cyprus	2	1
Czech Republic	12	5
Denmark	253	148
Ecuador	1	0
Egypt	8	5
Estonia	1	1
Finland	43	19
France	124	89
Germany	156	88
Hong Kong	5	1
Hungary	3	1
Indonesia	3	1
India	77	62
Iran, Islamic Republic of	2	0
Ireland	5	3
Israel	3	1
Italy	74	43
Japan	41	25
Jordan	1	1
Kenya	6	2
Luxembourg	7	6
Mexico	1	0
Malta	3	1
Nepal	3	2
Netherlands	79	59
Norway	46	18
Oman	3	2
Pakistan	18	14
Philippines	7	7
Poland	3	2
Portugal	2	2
South Africa	26	10
Senegal	1	0
Singapore	5	0
Slovenia	1	1
Spain	40	15
Sweden	73	35
Switzerland	20	13
Thailand	9	1
Turkey	88	55
United Arab Emirates	31	14
Uganda	4	4
United Kingdom	180	108
United States of America	39	22
Zimbabwe	1	0