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**"Give Hope - Give a Hand" - The LN-4
Prosthetic Hand**

Estimates of Amputee Population

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- World population: 6.7 billion
- Incidence of amputation: 1.5 per 1000
- World population of amputees: 10 million

- Percentage of arm amputees: 30%
- Arm amputees worldwide: 3 million
- Arm amputees in developing countries: 2.4 million

Incidence of Arm Amputation by Level

- Below elbow: 59%
- Above elbow & elbow disarticulation: 28%
- Shoulder: 8%
- Hand / wrist: 5%

Number of Arm Amputations in Developing Countries by Level

- Below elbow: 1.4 million
- Above elbow & elbow disarticulation: .7 million
- Shoulder: .2 million
- Hand / wrist: .1 million

Estimated Number of Arm Amputations by Country

- A list of each country's population can be found at: http://en.wikipedia.org/wiki/List_of_countries_by_population
- To get an estimate of the number of arm amputees in a given country, take the ratio of that country's population to the world population and apply it to the world amputees by total or by level.

Estimated Number of Arm Amputations in Vietnam

- The estimated population of Vietnam is 87,375,000, which is roughly 1.3% of the world population.
- Arm amputees total: $1.3\% \times 3 \text{ million} = 39,000$
- By level:
 - Below elbow: $59\% \times 39,000 = 23,000$
 - Above elbow & elbow disarticulation: $28\% \times 39,000 = 11,000$
 - Shoulder: $8\% \times 39,000 = 3,000$
 - Hand / wrist: $5\% \times 39,000 = 2,000$

