

**PERCENTAGE INCREASE
in BIRTH DEFECT CONDITIONS**

Condition	%	VVF #s	NVF #s	Category
Fibroids	2590%		2.59%	0.10% Tumors (Benign)
High Cholesterol	2400%		0.48%	0.02% Misc Defects
Lupus	2240%		1.12%	0.05% Immune Response Disorder
Degenerative Disc Disease	2200%		0.44%	0.02% Spine Defects
Lymphoma	2200%		0.44%	0.02% Cancer
Non-Hodgkins Lymphoma	2200%		0.44%	0.02% Cancer
Thyroid	1986%		1.39%	0.07% Cancer
Interstitial Cystitis	1840%		0.92%	0.05% Genitourinary Defects
Colitis / Ulcerative Colitis	1800%		0.36%	0.02% Gastrointestinal Defects
Endometriosis	1723%		6.89%	0.40% Misc Defects
Fibromyalgia	1682%		3.70%	0.22% Muscle Defects
Multiple Sclerosis	1680%		0.84%	0.05% Immune Response Disorder
Cervical Cancer	1600%		0.32%	0.02% Cancer
Arthritis	1454%		12.94%	0.89% Misc Defects
TMJ	1360%		0.68%	0.05% Cranial / Facial Defects
Polycystic Ovarian Syndrome	1359%		2.99%	0.22% Endocrine Defects
Brain or CNS	1200%		0.24%	0.02% Cancer
Spondylolisthesis	1167%		1.75%	0.15% Spine Defects
Ovarian	1046%		13.18%	1.26% Cysts
Spondylosis	1040%		1.04%	0.10% Spine Defects
Colon Cancer	1000%		0.20%	0.02% Cancer
Rheumatoid Arthritis	941%		4.14%	0.44% Immune Response Disorder
Hashimoto's Disease	933%		1.12%	0.12% Endocrine Defects
Borderline Personality Disorder	866%		5.54%	0.64% Emotional / Behavioral
Menstrual Problems	828%		19.20%	2.32% Misc Defects
Anklosing Spondylitis	800%		0.16%	0.02% Spine Defects
Barrett's Escophagus	800%		0.16%	0.02% Gastrointestinal Defects
Osteoporosis	800%		0.16%	0.02% Endocrine Defects
Neuropathy	743%		0.52%	0.07% CNS
Skin Fungus	728%		5.02%	0.69% Skin Defects
Schizophrenia	722%		1.95%	0.27% Emotional / Behavioral
Diabetes	707%		6.29%	0.89% Endocrine Defects
Autoimmune Disorder	691%		8.92%	1.29% Immune Response Disorder
Infertility	689%		6.61%	0.96% Misc Defects
Spinal Stenosis	686%		1.51%	0.22% Spine Defects
Hair Loss	680%		9.72%	1.43% Misc Defects
Ganglion	645%		3.03%	0.47% Cysts
Hypothyroidism	635%		2.35%	0.37% Endocrine Defects
Migraines	626%		6.01%	0.96% CNS
Chronic Tinnitus	616%		7.45%	1.21% Ear Defects
Breaks Law / Rules of Society	608%		7.05%	1.16% Emotional / Behavioral
Chronic Fatigue Syndrome	589%		16.73%	2.84% Misc Defects
MCS	588%		2.47%	0.42% Allergies
Leukemia	575%		1.15%	0.20% Cancer
Chondromalacia Patella	567%		0.68%	0.12% Limb Defects
Pilonidal	565%		0.96%	0.17% Cysts
Hypertension	560%		7.05%	1.26% Cardiovascular Defects
IBS	538%		4.90%	0.91% Gastrointestinal Defects
Sarcoma	533%		0.64%	0.12% Cancer
Crohn's Disease	524%		1.31%	0.25% Gastrointestinal Defects
Depression	507%		33.69%	6.65% Emotional / Behavioral
Joint Pain	491%		28.28%	5.76% Misc Defects
Diarrhea / Chronic Diarrhea	480%		0.24%	0.05% Gastrointestinal Defects
Cushing	480%		0.24%	0.05% Syndromes
Neuroblastoma	480%		0.48%	0.10% Cancer
Maniac Depression	463%		4.58%	0.99% Emotional / Behavioral
Raynaud's Phemonenon	457%		0.32%	0.07% Misc Defects
Swollen or Bleeding Gums	443%		4.70%	1.06% Cranial / Facial Defects
Lordosis	440%		0.44%	0.10% Spine Defects
Dysthymia	440%		0.88%	0.20% Emotional / Behavioral
Psoriasis	440%		5.54%	1.26% Skin Defects
Hypogammaglobulinemia	427%		0.64%	0.15% Immune Response Disorder
Hypoglycemia	416%		3.70%	0.89% Endocrine Defects
Anorexia or Bulimia	407%		1.79%	0.44% Misc Defects
Bi-Polar	407%		7.73%	1.90% Emotional / Behavioral
Arteriovenous Malformation	400%		0.20%	0.05% CNS
Lamellar Ichthyosis	400%		0.20%	0.05% Skin Defects
Orofacialdigital	400%		0.08%	0.02% Syndromes
Mitral Valve Prolapse	386%		2.47%	0.64% Cardiovascular Defects

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Thyroid Defect	381%	8.12%	2.13%	Endocrine Defects
Frequent Headaches	370%	27.24%	7.37%	Misc Defects
Tachycardia	360%	0.36%	0.10%	Cardiovascular Defects
Acne-like Rash	352%	12.35%	3.51%	Skin Defects
Dyslexia/Reading	347%	16.21%	4.67%	Learning Disabilities
Celiac Disease	347%	0.52%	0.15%	Gastrointestinal Defects
Pseudotumor Cerebri	347%	0.52%	0.15%	Tumors (Benign)
Absent Gallbladder	343%	1.27%	0.37%	Liver / Bile Duct
Neurofibromatosis	336%	0.84%	0.25%	Tumors (Benign)
Mood Swings	334%	27.48%	8.23%	Emotional / Behavioral
Hay Fever	332%	18.04%	5.44%	Allergies
Spastic Paralysis	320%	0.32%	0.10%	CNS
Gall Stones	320%	0.32%	0.10%	Liver / Bile Duct
Bicornuate Uterus	320%	0.64%	0.20%	Genitourinary Defects
Marfan	320%	0.16%	0.05%	Syndromes
Wolff-Parkinson-White	320%	0.48%	0.15%	Syndromes
Delayed Puberty	314%	3.74%	1.19%	Endocrine Defects
Attention Deficit w/o Hyperactivity	314%	15.21%	4.84%	Attention Deficit Disorders
Math	310%	23.38%	7.54%	Learning Disabilities
Primary Immune Defect	300%	0.96%	0.32%	Immune Response Disorder
Obsessive / Compulsive	292%	14.74%	5.04%	Emotional / Behavioral
Muscle Pain / Weakness	291%	21.74%	7.46%	Misc Defects
Hives	287%	9.88%	3.44%	Allergies
Anger	287%	24.81%	8.65%	Emotional / Behavioral
Anxiety Disorder	286%	24.61%	8.60%	Emotional / Behavioral
Addison's	286%	0.20%	0.07%	Immune Response Disorder
Glaucoma	280%	1.12%	0.40%	Eye Defects
Memory Problems	278%	17.76%	6.40%	Learning Disabilities
Cardiac Arrhythmia	265%	3.42%	1.29%	Cardiovascular Defects
Hiatal Hernia	262%	3.70%	1.41%	Muscle Defects
Heat/Cold Sensitivity	260%	15.25%	5.86%	Misc Defects
Sleep Disorder	260%	17.96%	6.90%	Misc Defects
Light Sensitivity	253%	11.39%	4.50%	Misc Defects
Astigmatism	246%	10.71%	4.35%	Eye Defects
Absent Uterus	240%	0.24%	0.10%	Genitourinary Defects
Changes In Skin Color	235%	3.90%	1.66%	Skin Defects
Chronic Stomach Problems	234%	18.76%	8.01%	Gastrointestinal Defects
Visual Memory Deficits	231%	6.09%	2.64%	Learning Disabilities
Nail-Patella	229%	0.16%	0.07%	Syndromes
Prader-Willi	229%	0.16%	0.07%	Syndromes
Astrocytoma	229%	0.16%	0.07%	Cancer
Spelling/Writing	223%	20.55%	9.22%	Learning Disabilities
Anemia	219%	8.48%	3.88%	Misc Defects
Unexplained Fevers	218%	7.49%	3.44%	Misc Defects
Vision Defects	216%	12.23%	5.66%	Eye Defects
Early Puberty	215%	4.30%	2.00%	Endocrine Defects
Splenomegaly	213%	0.64%	0.30%	Liver / Bile Duct
Frequent Nose Bleeds	212%	5.93%	2.79%	Misc Defects
Liver Function Disorder	210%	1.83%	0.87%	Liver / Bile Duct
Ankyloglossia	207%	0.56%	0.27%	Misc Defects
Spinal Muscular Atrophy	206%	0.72%	0.35%	Spine Defects
Hepatomegaly	202%	1.19%	0.59%	Liver / Bile Duct
Williams	200%	0.20%	0.10%	Syndromes

Charts shows the percentage of increase for all conditions in the children of Vietnam veterans. The same pattern always emerges: neurodevelopmental, immune and endocrine problems increased. The chart is color-coded by condition categories.

This data has been collected since the Birth Defect Research for Children (BDRC) online questionnaire went live in 2004. Before that, there were 3,000 – 4,000 cases in the original booklet form, but not all of those filled out the new questionnaire. The findings bear out the same pattern of disabilities in the children of Vietnam veterans, BDRC analyzed the first 300 cases of Viet vet children compared to 1,500 non-veterans’ children, arriving at the same result seen in this report, twenty years later.