



## Fact Sheet 1a: Wilms by the Numbers

### **Wilms Tumor** (*Medical Term: Nephroblastoma*)

Wilms' tumor is named after Max Wilms, the German surgeon (1867–1918) who first described it.

By the numbers:

- **#1 childhood kidney cancer;** <sup>(1)</sup>
- **4<sup>th</sup> most common childhood cancer;** <sup>(2)</sup>
- **7/100 childhood cancers are Wilms;** <sup>(3)</sup>
- **9/10 of all childhood kidney cancers are Wilms;** <sup>(4)</sup>
- **1/10,000 are at risk from Wilms;** <sup>(5)</sup>
- **600-700 new cases of Wilms in North America per yr.;** <sup>(6)</sup>
- **55% of children are diagnosed with Wilms after it has spread;** <sup>(7)</sup>
- **7,500 children suffer Wilms in North America per yr.;** <sup>(8)</sup>
- **190,000 children diagnosed with Wilms worldwide per yr.;** <sup>(9)</sup>
- **30-45% survival rate of 'diffuse anaplastic' Wilms;** <sup>(10)</sup>
- **\$100 cost of early detection cost of Wilms (one-time);** <sup>(11)</sup>
- **\$833,000 cost of late detection Wilms treatment (per yr.);** <sup>(12)</sup>
- **\$700 more to treat childhood cancer than adults (per day);** <sup>(13)</sup>
- **14.6% of all medical bankruptcies due to childhood illness.** <sup>(14)</sup>

**Note:** Figures based on mean averages.

[www.WilmsFoundation.com](http://www.WilmsFoundation.com)

Wilms Cancer Foundation: Incorporated Charity #S0072415

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**Reference:**

- (1) <https://www.cancer.org/cancer/wilms-tumor/about/key-statistics.html>
- (2) <https://www.stjude.org/disease/wilms-tumor.html>
- (3) <https://www.stjude.org/disease/wilms-tumor.html>
- (4) <https://www.cancer.org/cancer/wilms-tumor/about/what-is-wilms-tumor.html>
- (5) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4728859/>
- (6) [https://www.researchgate.net/publication/286070593\\_Wilms\\_Tumor](https://www.researchgate.net/publication/286070593_Wilms_Tumor)
- (7) <https://www.healthline.com/health/wilms-tumor#diagnosis-and-staging>
- (8) <https://www.childtrends.org/indicators/number-of-children>
- (9) <https://data.unicef.org/>
- (10) <https://www.cancer.net/cancer-types/wilms-tumor-childhood/statistics>
- (11) <http://www.compareultrasoundcost.com/>
- (12) <https://www.thenccs.org/>
- (13) <https://www.ncbi.nlm.nih.gov/books/NBK61974/>
- (14) <https://www.amjmed.com/article/S0002-93430900404-5/fulltext>