PostgreSQL data types:

The datatypes in postgresql have a particular name, storage size and a description. The documentation provides the following datatypes (**note**: I only put the description of the ones that I found necessary, the same for the ranges):

Numeric types

Name	Storage Size	Description	Range
smallint	2 bytes		-32768 to +32767
integer	4 bytes		
biging	8 bytes		
decimal	Variable	A number with	up to 131072 digits before the decimal point; up to 16383 digits after the decimal point.
numeric	Variable	The user gives a specific precision (number of digits) and scale (number of digits after the decimal point) for numbers. It´s realty useful for mathematical operations.	The same as decimal.
real	4 bytes		6 decimal digits precision
double precision	8 bytes		15 decimal digits precision
smallserial	2 bytes	Small autoincrementing integer	1 to 32767
serial	4 bytes		
bigserial	8 bytes		

Note 1: Decimal and numeric are basically the same.
Note 2: The autoincrementing integer it´s used for creating unique identifier columns.

Monetary types

There is only one monetary type: **money**. The storage size is 8 bytes.

Character types

There are three character types:

Name	Size	Description
character varying (n), varchar (n)	Variable	For variable-length strings with a max limit of value n.
Character(n), char(n), bpchar (n)	Variable	For fixed-lengh strings with a limit of n. This type reserves blank spaces in the memory for the limit specified.
text	Variable	Unlimited length string.

Binary data types

There is one general byte data type called **bytea.** The storage size is 1 or 4 bytes plus the actual binary string.

Date/time types

The commonly used date types are:

Name	Storage Size	Description	Low Value	High Value
Timestamp[(p)]	8 bytes	Date and time	4713 BC	294276 AD
Timestamp[(p)] with time zone	8 bytes	Specifies the time zone		
date	4 bytes	Date (with no time)		
time [(p)]	8 bytes	Gives the time without the date	00:00:00	24:00:00
time [(p)] with time zone	12 bytes	The time of the day with the time zone	00:00:00+1559	24:00:00-1559
Interval [fields] [(p)]	16 bytes	Gives a time interval	-178000000	178000000

Note 3: The p value specifies the precision.

Network address type

The four commonly used types for networking are:

Name	Storage Size	Description
cidr	7 or 19 bytes	IPv4 and IPv6 only networks
inet	7 or 19 bytes	IPv4 and IPv6 hosts and networks
macaddr	6 bytes	MAC addresses
macaddr8	8 bytes	The same as macaddr but with EUI-64 format

References

[1] "PostgreSQL Documentation". PostgreSQL. https://www.postgresql.org/docs/current/datatype-net-types.html (accessed Sep. 18 2023)