**Male-Smokers**

> Insurance\_dataset <- read\_excel("C:/3rd Semester/R Project/Insurance dataset.xlsx")

> View(Insurance\_dataset)

> Insurance\_dataset[Insurance\_dataset$sex == "male" & Insurance\_dataset$smoker=="yes",]

# A tibble: 64 × 7

age sex bmi children smoker region charges

<dbl> <chr> <dbl> <dbl> <chr> <chr> <dbl>

1 27 male 42.1 0 yes southe… 39612.

2 30 male 35.3 0 yes southw… 36837.

3 31 male 36.3 2 yes southw… 38711

4 22 male 35.6 0 yes southw… 35586.

5 28 male 36.4 1 yes southw… 51195.

6 35 male 36.7 1 yes northe… 39774.

7 60 male 39.9 0 yes southw… 48173.

8 36 male 35.2 1 yes southe… 38709.

9 48 male 28 1 yes southw… 23568.

10 36 male 34.4 0 yes southe… 37743.

# … with 54 more rows

# ℹ Use `print(n = ...)` to see more rows

> age <-Insurance\_dataset$age

> hist(age)

**Female-Smokers**

#head(Insurance\_dataset)

> Insurance\_dataset[Insurance\_dataset$sex == "female" & Insurance\_dataset$smoker=="yes",]

age sex bmi children smoker region charges

1 19 female 27.900 0 yes southwest 16884.92

12 62 female 26.290 0 yes southeast 27808.73

24 34 female 31.920 1 yes northeast 37701.88

59 53 female 22.880 1 yes southeast 23244.79

65 20 female 22.420 0 yes northwest 14711.74

71 27 female 24.750 0 yes southeast 16577.78

85 37 female 34.800 2 yes southwest 39836.52

87 57 female 31.160 0 yes northwest 43578.94

95 64 female 31.300 2 yes southwest 47291.06

104 61 female 29.920 3 yes southeast 30942.19

118 29 female 27.940 1 yes southeast 19107.78

127 19 female 28.300 0 yes southwest 17081.08

129 32 female 17.765 2 yes northwest 32734.19

154 42 female 23.370 0 yes northeast 19964.75

161 42 female 26.600 0 yes northwest 21348.71

162 18 female 36.850 0 yes southeast 36149.48

176 63 female 37.700 0 yes southwest 48824.45

204 27 female 36.080 0 yes southeast 37133.90

236 40 female 22.220 2 yes southeast 19444.27

241 23 female 36.670 2 yes northeast 38511.63

245 63 female 27.740 0 yes northeast 29523.17

252 63 female 32.200 2 yes southwest 47305.31

262 20 female 26.840 1 yes southeast 17085.27

281 40 female 28.120 1 yes northeast 22331.57

289 59 female 36.765 1 yes northeast 47896.79

302 53 female 22.610 3 yes northeast 24873.38

315 27 female 31.400 0 yes southwest 34838.87

329 64 female 33.800 1 yes southwest 47928.03

331 61 female 36.385 1 yes northeast 48517.56

363 19 female 21.700 0 yes southwest 13844.51

376 23 female 28.310 0 yes northwest 18033.97

377 39 female 24.890 3 yes northeast 21659.93

381 27 female 17.955 2 yes northeast 15006.58

412 44 female 20.235 1 yes northeast 19594.81

413 26 female 17.195 2 yes northeast 14455.64

418 36 female 22.600 2 yes southwest 18608.26

420 63 female 26.980 0 yes northwest 28950.47

442 33 female 33.500 0 yes southwest 37079.37

466 30 female 28.380 1 yes southeast 19521.97

489 44 female 38.060 0 yes southeast 48885.14

> age <- Insurance\_dataset\_female$age

> hist(age)