



The most common two-character sequences are:

Sequence	Frequency (per 463 chars)
th	15.3
he	14.0
an	8.4
in	8.3
er	7.8
nd	6.8
re	6.1
ed	5.8
es	5.3
ha	5.3
ou	5.3
to	5.3
ea	5.1
en	5.1
st	5.0
nt	4.9
on	4.9
at	4.8
hi	4.5
as	4.4
it	4.3
ng	4.3
is	4.0
et	3.9
or	3.9
of	3.7
ar	3.5
te	3.5
ti	3.5
se	3.4
me	3.1
ne	3.1
sa	3.1
wa	3.1
le	3.0
ve	3.0
no	2.8

Sequence	Frequency (per 463 chars)
ta	2.7
al	2.6
de	2.6
dt	2.6
ll	2.6
ot	2.6
so	2.6
tt	2.6
el	2.5
ro	2.5
ad	2.4
di	2.3
ew	2.3
ho	2.3
ra	2.3
ri	2.3
sh	2.3
si	2.3
be	2.2
da	2.2
ee	2.2
em	2.2
li	2.2
om	2.2
ow	2.2
ut	2.2
co	2.1
ec	2.1
ma	2.1
ss	2.0
ur	2.0
wh	2.0
do	1.9
ei	1.9
la	1.9
lo	1.9
na	1.9

The two-character sequences with expected frequency less than 0.05 per 463 characters are:

ae	fg	jr	oq	qx	vv	yk
aj	fj	js	ox	qy	vw	yq
ao	fk	jt	oz	qz	vx	yx
aq	fq	jv	pb	rj	vy	yz
ax	fv	jw	pc	rq	vz	za
bc	fx	jx	pd	rx	wb	zb
bd	fz	jy	pf	rz	wc	zc
bf	gj	jz	pg	sx	wf	zd
bg	gk	kc	pj	sz	wg	zf
bh	gq	kd	pk	tq	wj	zg
bj	gv	kg	pm	tv	wk	zh
bk	gx	kj	pn	tx	wp	zi
bm	gz	kk	pq	tz	wq	zj
bn	hg	km	pv	uj	wu	zk
bp	hj	kp	px	uo	wv	zl
bq	hk	kq	pz	uq	wx	zm
bv	hq	kr	qa	uu	wz	zn
bw	hv	ku	qb	uv	xb	zo
bx	hx	qc	ux	xd	zp	
bz	hz	kx	qd	uy	xf	zq
cb	ii	kz	qe	uz	xg	zr
cd	ij	lj	qf	vb	xh	zs
cf	iq	lq	qg	vc	xj	zt
cg	iu	lx	qh	vd	xk	zu
cj	iy	lz	qi	vf	xl	zv
cm	jb	mc	qj	vg	xm	zw
cn	jc	md	qk	vh	xn	zx
cp	jd	mg	ql	vj	xo	zy
cq	jf	mj	qm	vk	xq	zz
cs	jg	mk	qn	vl	xr	
cv	jh	mq	qo	vm	xs	
cw	jj	mv	qp	vn	xu	
cx	jk	mx	qq	vp	xv	
cz	jl	mz	qr	vq	xw	
dq	jm	nq	qs	vr	xx	
dx	jn	nx	qt	vs	xy	
dz	jp	nz	qv	vt	xz	
ez	jq	oj	qw	vu	yj	