

PRESUPUESTO	ÍTEM	TRAMO Y/O ALCANCE	DESCRIPCION	MONTOS ACORDADOS EN ACTA DE MODIFICACION 21/12/2011
				VALOR
		ESTUDIOS PARA LA IMPLEMENTACION DE NUEVAS ESTACIONES DE PEAJE O EXTENSIONES DE LAS ESTACIONES DE PEAJE EXISTENTES		\$ 200,000,000
	VÍAS (SECTOR 1)	MEJORAMIENTO VIAL EN EL SECTOR MOSQUERA	ACCESO AL RUBÍ	\$ 1,844,712,553
			VÍAS BARRIOS LOS PUENTES Y MTO. PUENTES PEATONALES	
	1.1	CONSTRUCCION DOBLE CALZADA	CONSTRUCCION DOBLE CALZADA	\$ 1,070,000,000
	1.2	VARIANTE CERRO GORDO -BALSILLAS	INTERSECCION BALSILLAS	
	1.3		REHABILITACIÓN DE CORREDOR	\$ 15,430,174,495
	1.4		SITIO INESTABLE PR 1+000	\$ 2,500,000,000
	1.5		SITIO INESTABLE PR 3+000	
	1.6		SITIO INESTABLE PR 5+200	
		LA GRAN VÍA CACHIPAY	SITIO INESTABLE PR 0+800	
	2		SITIOS INESTABLES A LO LARGO DE TODA LA VIA	
	2.1		Adicional tubería K4	\$ 1,018,984,608
	2.2		Paso municipio Cachipay	\$ 3,060,000,000
	2.3		REHABILITACIÓN DE CORREDOR	\$ 10,041,215,281
	2.4	CACHIPAY -PETALUMA-ANOLAIMA -LA FLORIDA	TRANSITABILIDAD DESDE K11+200AL K12+940	\$ 2,500,000,000
	2.5		ESTUDIO DOS (2) SITIOS INESTABLES ENTRE EL K11+200 Y K12+940	
	2.6		ATENCION A SITIOS INESTABLES	
	2.7	TENA - LA GRAN VIA	REHABILITACION Y MEJORAMIENTO	\$ 4,361,942,923
	2.8		ZONAS INESTABLES	
	2.9		REHABILITACION Y MEJORAMIENTO	\$ 109,354,800
	2.10	LA MESA - EL COLEGIO	OBRAS DE MITIGACION EN EL CORREDOR	
	2.11		TRANSITABILIDAD	\$ 2,040,645,000
	2.12		2 SITIOS INESTABLES	
	2.13	PUERTO ARAUJO -SAN ANTONIO DEL TEQUENDAMA	REHABILITACION	\$ 15,200,000,000
	2.14		ZONAS INESTABLES	
	2.15	ANAPOIMA - MESA DE YEGUAS	REHABILITACION Y MEJORAMIENTO	\$ 3,000,000,000
			REHABILITACION CORREDOR ZONA URBANA	\$ 800,000,000
	3	TOCAIMA - JERUSALEN	REHABILITACION CORREDOR ZONA RURAL	\$ 10,000,000,000
	3.1		PUENTE SOBRE LA QUEBRADA MATACHI (K3+300)	\$ 1,200,000,000
	3.2	JERUSALEN - GUATAQUI	REHABILITACION EN AFIRMADO	\$ 1,000,000,000
	3.3		CONSTRUCCION ACCESOS PTE. LOS SUSPIROS	
	3.4	TOCAIMA- AGUA DE DIOS RICAURTE (LOS MANUELES)	TERMINACION PUENTE LOS SUSPIROS	\$ 29,483,805,053
	3.5		REHABILITACION MEJORAMIENTO DEL CORREDOR VIAL TOCAIMA LONGITUD 10.06 KM	
	3.6		PUENTE QUEBRADA CHARCO VERDE	
	3.7		REHABILITACION PUENTE SOBRE EL RIO BOGOTA ESTUDIOS HIDROLOGICOS	
	3.8		CONSTRUCCION DOBLE CALZADA	
	3.9	VARIANTE FLANDES -GIRARDOT (VIA NARIÑO)	PUENTE SOBRE EL RIO MAGDALENA	\$ 17,000,000,000
	3.10		CONSTRUCCION INTERSECCIONES VARIANTE FLANDES- GIRARDOT	
	3.11	TERMINACION DE LA INTERSECCION CHILACOS	CONSTRUCCION PARA LA TERMINACION DE OBRA GLORIETA "LOS CHILACOS"	\$ 1,866,244,494
	3.12		RECURSO ADICIONAL PARA EL ESPACIO PUBLICO	\$ 300,000,000
	3.13		CONSTRUCCION OBRAS DE MEJORAMIENTO SEGURIDAD PEATONAL DEL MUNICIPIO DE MOSQUERA(CONSTRUCCION ESPACIO PUBLICO GLORIETA FRENTE PURINA)	\$ 300,000,000
	3.14	TRAMO MOSQUERA-FUNZA	ADECUACION DEL ESPACIO PUBLICO Y CONSTRUCCION DE CICLORUTA ALCANTARILLADO SECTOR INTERSECCION CALLE 15 DE FUNZA (K0+540) en Mosquera hasta (K0+530) en Funza.	\$ 5,000,000,000
	3.15		ADECUACION DEL ESPACIO PUBLICO Y CONSTRUCCION DE CICLORUTA sector Mosquera-Funza.	\$ 200,000,000
	3.16		TERCEROS CARRILES PARA ADELANTAMIENTO	
	3.17		CONSTRUCCION PARADOR DE LA GRAN VIA (MUNICIPIO DE TENA) y accesos	\$ 1,200,000,000
	3.18		PASO EL AREA URBANA DE LA MESA	
	3.19		CONSTRUCCION PARADOR TURISTICO DE ANAPOIMA	\$ 4,500,000,000
	3.20		CONSTRUCCION CAMELLON DE ANAPOIMA	
	3.21	TRAMO MOSQUERA-GIRARDOT	PASO POR EL AREA URBANA DE APULO	\$ 2,000,000,000
	3.22		GLORIETA INTERSECCION INGRESO A TOCAIMA (K29) Y PASO POR TOCAIMA (URBANO DE TOCAIMA)	\$ 1,995,738,204
			EJECUCION DE OBRAS PARA LA REHABILITACION DEL PAVIMENTO EN EL CORREDOR TOCAIMA-JERUSALEN, SECTOR ZONA URBANA DE TOCAIMA, EN LONG 835 M DEL ADICIONAL No. 15 AL CONTRATO DE CONCESION No. 01 DE 1996	
	4		ATENCION DE ALGUNOS SITIOS INESTABLES (ACTUALIZACION ESTUDIO K86+900)	\$ 16,182,589
	4.1	TOTALES		\$ 139,239,000,000

PRESUPUESTO INTEVENTORÍA - VALOR MENSUAL					
ETAPA OPERACIÓN + ETAPA CONSTRUCCIÓN					
COSTOS DE PERSONAL	A	B	C	D	E
				PARTICIPACIÓN	=A*B*C*D
CARGO / OFICIO (1)	REMUNERACIÓN MENSUAL	CANTIDAD DE PERSONAS	% DE DEDICACION	MESES	VALOR TOTAL
PERSONAL PROFESIONAL					
Director del Proyecto	4,312,000.00	1.00	0.40	1.00	1,724,800.00
Subdirector Técnico-Operativo	3,080,000.00	1.00	1.00	1.00	3,080,000.00
Especialista en Geotecnia, Suelos y Pavimentos	2,464,000.00	1.00	0.40	1.00	985,600.00
Especialista en Estructuras	2,464,000.00	1.00	0.20	1.00	492,800.00
Especialista en Finanzas	2,464,000.00	1.00	0.20	1.00	492,800.00
Especialista en Derecho Administrativo	2,464,000.00	1.00	0.25	1.00	616,000.00
Ingeniero en Hidrología e Hidráulica	2,464,000.00	1.00	0.15	1.00	369,600.00
Ingeniero Residente Técnico Operativo	2,464,000.00	1.00	1.00	1.00	2,464,000.00
Ingeniero ambiental	2,464,000.00	1.00	0.15	1.00	369,600.00
Coordinador Social	2,464,000.00	1.00	0.15	1.00	369,600.00
Ingeniero Auxiliar	1,232,000.00	1.00	1.00	1.00	1,232,000.00
Auditor en Área de Sistemas y/o pesaje y/o tarifas	2,464,000.00	1.00	0.20	1.00	492,800.00
Profesional Aseguramiento de la Calidad	2,464,000.00	1.00	0.10	1.00	246,400.00
PERSONAL TÉCNICO					
Auxiliar de ingeniería ICCU (1)	1,232,000.00	1.00	1.00	1.00	1,232,000.00
Topógrafo (inspector)	1,232,000.00	1.00	0.30	1.00	369,600.00
Cadenero 1	616,000.00	1.00	0.30	1.00	184,800.00
Cadenero 2	616,000.00	1.00	0.30	1.00	184,800.00
Conductor o motorista	616,000.00	3.00	1.00	1.00	1,848,000.00
PERSONAL ADMINISTRATIVO					
Secretaria 1	616,000.00	1.00	1.00	1.00	616,000.00
SUBTOTAL COSTOS DE PERSONAL (1)					17,371,200.00
FACTOR MULTIPLICADOR (2)					2.20
TOTAL COSTOS DE PERSONAL = (1) * (2) = (3)					38,216,640.00
OTROS COSTOS (2)	J	K	L	M	N
	CANTIDAD	UNIDAD	\$ DE USO o KM	COSTO	(JxLxM)
					VALOR TOTAL
EQUIPOS					
Alquiler Vehículos de 2500 cc de cilindrada, incluyendo costos de operación y mantenimiento excepto salario del conductor	3.00	Mes	1.00	3,000,000.00	9,000,000.00
Alquiler Equipo completo de topografía incluyendo tránsito, nivel y elementos complementarios	1.00	Mes	1.00	1,200,000.00	1,200,000.00
Alquiler Mobiliario Oficina + Computadores con impresora y tinta	1.00	Mes	1.00	400,000.00	400,000.00
Alquiler Oficina en la zona del proyecto	1.00	Mes	1.00	1,000,000.00	1,000,000.00
OTROS COSTOS DIRECTOS					
Equipos de video peajes - conteo vehículos.	2.00	Unidad	1.00	4,000,000.00	8,000,000.00
Equipos de Computo portátiles (2 unidades, incluye Softwar), escaner industrial (1), Cámara Fotográfica (1), y Cámara de video, Supervisión del Proyecto.	1.00	Unidad	1.00	2,300,000.00	2,425,644.00
Peajes + Combustible	3.00	Mes	1.00	400,000.00	1,200,000.00
Papelería, fotocopias, heliografías, elaboración de informes	1.00	Mes	1.00	660,000.00	660,000.00
Comunicaciones, Adquisición plan telefonía celular (incluye voz y datos), incluye teléfono celular supervisor del proyecto	1.00	Mes	1.00	500,000.00	500,000.00
Medición Índice de Estado y Reflectividad	3.00	Unidad	14.00	150,000.00	6,300,000.00
TOTAL OTROS COSTOS = (4)					30,685,644.00
COSTO BÁSICO = (3) + (4) = (5)					68,902,284.00
IVA = 16% * (5) = (6)					11,024,365.00
COSTO TOTAL = (5) + (6)					79,926,649.00

DESCRIPCION DE LOS TRAMOS	Longitud	Costo Mantenimiento Rutinario Km \$ Dic 2014	Total Mant. Rutinario Km \$ Dic 2014	Frecuencia en Años	Costo Mantenimiento Periodico Km	Total Mant. Periodico Km \$ Dic 2014
PRESUPUESTO ESTIMADO LA GRANVIA CAHIPAY	10.4	38,324,286	398,572,578	7	489,699,214	5,092,871,825
PRESUPUESTO ESTIMADO LA TOCAIMA JERUSALEN - LA MESA EL COLEGIO TOCAIMA AGUA DE DIOS- RICAUTE	37.41	15,131,701	566,076,916	7	193,349,507	7,233,205,043
TRAMO MOSQUERA FUNZA TRAMOS ENTRE MOSQUERA GIRARDOT	57.42	21,939,411	1,259,761,000	7	280,336,923	16,096,946,113

INTERVENTORIA	VALOR SDIC 2014
INTERVENTORIA	\$ 79,926,649
LICENCIAS AMBIENTALES	
CON BASE A PPTO	1%
RIESGOS	
Riesgo Predial	\$ 1,498
Riesgo Ambiental y Social	\$ 2,666
Redes	\$ 332
Total	\$ 4,496
Provision Riesgos	\$ 12,488,889

SISTEMAS DE TRANSPORTE INTELIGENTE - ITS	EQUIPO	M-O Y MATER. IMPLEMENTACION	SOFTWARE	OPERACIÓN	MANTENIMIENTO
Sistema de pesaje	240,200,000				
Código electrónico	823,000,000				
Data center	258,000,000				
En la estación de peaje		265,460,400	78,300,460		
En la estación de peaje				7,266,775	4,241,480
SUBTOTAL	1,319,200,000	265,460,400	78,300,460		
TOTAL EQUIPOS Y SOFTWARE			1,662,960,860		

VALOR EQUIPO U OBRA EN \$	VALOR MENSUAL PERSONAL \$	VALOR MENSUAL INSUMO \$	OBSERVACION
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2 SERVICIOS A CARGO DEL CONCESIONARIO

Los servicios a cargo del Concesionario se dividen en dos (2) categorías:

- Aquellos de carácter obligatorio, por los cuales no puede cobrar en ningún caso cargo alguno a los usuarios del servicio diferente del peaje establecido. Estos servicios serán prestados a costo y riesgo del Concesionario y serán remunerados enteramente mediante la Retribución prevista en el Contrato, sin considerar Ingresos Comerciales.
- Los Servicios Adicionales, los cuales no son de carácter obligatorio y que pueden ser cobrados a los usuarios del servicio, generando Ingresos Comerciales que formarán parte de la Retribución del Concesionario. Forman parte de los Servicios Adicionales, entre otros, la venta de publicidad, la explotación comercial de las Áreas de Servicio mediante actividades tales como la venta de combustibles, alimentos, restauración, hostelería o mediante la celebración de contratos con terceros para la explotación de dichas áreas.

2.1 Servicios de Carácter Obligatorio

A continuación se relacionan los servicios que de manera obligatoria deberán ser prestados por el Concesionario en los términos señalados en el literal a) del numeral 2 de este Apéndice.

- Mantenimiento rutinario y periódico de los pavimentos de la(s) vía(s) objeto de la concesión;
- Mantenimiento de la zona de vía, libre de obstáculos, ramas, troncos, arbustos, piedras, animales muertos y demás objetos que impiden la visibilidad, tránsito y drenaje de la vía.
- Atención de emergencias como derrumbes o inundaciones que afecten la normal circulación por las vías.
- Mantenimiento de obras hidráulicas, puentes, pontones y obras de contención,
- Mantenimiento señalización.
- Mantenimiento de obras de infraestructuras construidas para la operación de la concesión (peajes, áreas de servicio, estación de pesaje, etc).
- Operación de las Estaciones de Peaje;
- Operación, seguimiento y control del tránsito;
- Atención de accidentes.
- Primeros auxilios a personas;
- Auxilio mecánico básico a vehículos;
- Manejo y control ambiental;
- Áreas de Servicio. Será obligatoria la existencia de un número de Áreas de Servicio según se define en el Apéndice Técnico 1, a las cuales podrán acceder cualquier vehículo que circulen en la vía, sin que exista un cargo por el acceso a éstas. Lo anterior, sin perjuicio del derecho que le asiste al Concesionario de explotar comercialmente dichas Áreas de Servicio mediante la prestación de Servicios Adicionales;
- Pago de Peaje con tarjeta o telepeaje, sin perjuicio de lo previsto en la Sección 3.3.4.3 de este mismo Apéndice.
- Control del peso de vehículos de carga (Estación de Pesaje fija o móvil);
- Vigilancia de las instalaciones de las Estaciones de Peaje;

- q) Comunicaciones con el Centro de Control de Operación;
- r) Paraderos para el servicio de transporte público;
- s) Grúas;
- t) Carrotaller;
- u) Postes SOS;
- v) Sistema de información al usuario a cerca de los trabajos que se presentan en la vía, accidentes o incidentes que afecten la normal circulación de vehículos dentro de la concesión, tarifas de cada estación de peaje, mapa con el corredor vial donde se indique la ubicación de los peajes y sitios de interés como hospitales, estaciones de servicio y sitios turísticos.
- w) Cualquier otro servicio que, por su naturaleza, sea necesario para el desarrollo de los servicios obligatorios anteriormente mencionados, o de las obligaciones especiales de Operación a que hace referencia el numeral 3.3 de este Apéndice.

3.3.3.1 Sistema de Atención de Incidentes, Accidentes y Emergencias

3.3.3.1.1 Bases de Operación

- a) 1 vehículo de vigilancia que recorrerá toda la longitud de la(s) vía(s) de forma ininterrumpida 24 horas al Día, 365 Días al año.
- b) 1 Carrotaller
- c) 1 Grúas para movilizar vehículos Grandes
- d) 1 Grúa para movilizar vehículos pequeño
- e) 1 ambulancia
- f) Personal capacitado en atención de emergencias y primeros auxilios.

70,000,000
110,000,000
280,000,000
150,000,000
130,000,000

3.3.3.1.4 Personal y Equipo de Atención Médica

- Un (1) médico general con entrenamiento certificado en soporte vital avanzado de mínimo 48 horas.
- Un (1) auxiliar de enfermería o de urgencias médicas o tecnólogo o técnico en atención prehospitalaria con entrenamiento en soporte vital básico de mínimo 20 horas.
- Un (1) conductor con mínimo 40 horas de capacitación en primeros auxilios.

SMMMLV
3
1
1
5

3.3.3.1.6 Derrumbes

PRENSA Y COMUNICACIONES

3.3.3.2.1 Página Web

3.3.3.2.2 Boletín Trimestral

3.3.3.2.3 Emisora de Radio

3.3.3.2.4 Pantallas LED

Led móvil

3.3.3.2.5 Información Adicional

300,000
250,000
350,000
600,000
280,000
1,780,000

3.3.3.3 Sistema de Gestión Integral: Calidad, Medio Ambiente y Seguridad Industrial

Control de calidad y encuestas semestrales

SUB TOTAL PRENSA Y COMUNICACIONES

3.3.3.4 Áreas de Servicio

- Suministro de bienes para operación de vehículos (taller mecánico).
- Servicios sanitarios
- Servicios de venta de alimentos y comidas (servicio de restauración)
- Servicio de telefonía convencional por línea terrestre o radio.
- Servicio de telefonía celular ofrecido por uno o más operadores de telecomunicaciones
- Servicio de restaurante o cafetería.

Contrato con terceros

COMO ES SERVICIO
COMPLEMENTARIO EL COSTO
DEBE SER RECUPERADO CON
EL SERVICIO

3.3.4 Recaudo de Peajes

Recaudo

Obra física Peajes - incluye dotación y sistemas

500,000,000

3.3.4.6 Información y Auditoría

Como mínimo, el sistema de Operación de la Estación de Peaje deberá generar los siguientes reportes de tráfico por categoría de vehículos:

- Reporte horario total Día Calendario por carril.
- Reporte horario por turno.
- Reporte horario total Día Calendario por sentido.
- Reporte horario total Día Calendario total estación.
- Reporte diario por carril.
- Reporte diario por sentido.
- Reporte diario total estación.
- Reporte por turno por carril.
- Reporte total por turno.
- Reporte de discrepancias entre lo detectado por los sensores de paso y lo registrado por el recaudador en la consola de Operación, ya sea por clasificación del vehículo o por forma de pago. En este reporte sólo aparecerán los casos con inconsistencias, indicando la hora en la cual se presentó.
- Reporte de reversibilidad, en el cual aparecerán todos los vehículos que transiten en sentido contrario al de flujo normal, tanto lo reportado por los sensores de paso como por lo digitado por los recaudadores en las consolas de Operación, e indicando la hora del contraflujo.

- Reporte de totales en el periodo que determine el ICCU y/o la Interventoria.

VALOR REPORTES MENSUALMENTE

1,200,000

3.3.5 Operación y Seguimiento del Tránsito

Equipo de inspección rutinaria 24 horas

SUPERVISOR

Auxiliar

TOTAL

SMMLV

1.5

1

2.5

3.3.5.2 Operación del Tráfico en Áreas de Peaje

Operación

3.3.8 Sistemas de Pesaje

El Concesionario elaborará un estudio de localización e implantación de las Estaciones de Pesaje como parte de los estudios a presentar a la Interventoria durante la Fase de Preconstrucción, para lo cual tendrá en cuenta lo previsto en el Apéndice 1 en cuanto a reposición e instalación de Estaciones de Pesaje. Dado que el control del pesaje es de especial interés para el Concesionario para cumplir con los Indicadores contractuales, podrá proponer cuantas estaciones fijas o móviles considere necesarias, siempre y cuando minimice el impacto en el tráfico. Durante la Etapa de Operación y Mantenimiento, el Concesionario podrá implantar nuevas básculas de pesaje, siempre que informe a la Interventoria al menos un mes antes de empezar a construirlas.

hoja nomina - B. Rcaudo del Peaje y Pesaje

3.3.9 Policía de Carreteras

Tabla 7 - Equipo mínimo a ser puesto a disposición de la Policía de Carreteras

DESCRIPCIÓN	CANTIDAD ETAPA PREOPERATIVA	CANTIDAD ETAPA OPERATIVA	VALORES APROXIMADOS DE ACUERDO A COTIZACIONES*	VIDA ÚTL (AÑOS)
			VALOR UNITARIO	
VEHÍCULOS				
Patrulla Tipo Panel GPS	1		70,000,000	5
Motocicletas Entre 650 c.c. Enduro y Patera con Sirena STROVER y GPS	2		30,000,000	4
TIC – TECNOLOGÍAS DE INFORMACIÓN Y COMUNICACIONES				
Radios de Comunicación Institucionales	3		1,000,000	5
Sistemas de Perifoneo	1		300,000	3
Computadores	1		1,500,000	5
Impresoras Multifuncionales	1		350,000	5
Compendersas Electrónicas (CAT) con Servicio de Datos y Voz Según Ficha Técnica	2		600,000	1
SEÑALIZACIÓN VIAL				
Kil Puesto de Control según ficha técnica	1		1,800,000	1
Planta Pare-Siga	10		195,000	1
Bastiones Lumínicos Linternas	5		80,000	1
Carpas 4x4 mts.	2		1,100,000	1
			106,925,000.00	

Además de lo anterior, el Concesionario deberá proveer:

- Viáticos o auxilios para el personal de la Policía de Carreteras por treinta (30) Días al mes para cada unidad de personal en servicio en la(s) vía(s), según tabla de valores establecida en el Decreto No. 1017 del 21 de mayo de 2013 "Por el cual se fijan los sueldos básicos para el personal de Oficiales y Suboficiales de las Fuerzas Militares; Oficiales, Suboficiales, Agentes y Personal del Nivel Ejecutivo de la Policía Nacional", (y/u otro aplicable) según se modifique, adicione o reemplace de tiempo en tiempo, incrementados conforme a la proporción del crecimiento del salario mínimo a la fecha de causación. Esta obligación estará limitada a un cuerpo de efectivos máximo de policiales de cinco (5) personas.

3.3.10.1 Centro de Control Operacional (CCO)

Obra física y dotación

400,000,000

3.3.10.2 Sistemas de Comunicación

WEB SERVICES

Ya se contempló

3.3.11 Sistemas de Guardia y Vigilancia. Explotación del Corredor del Proyecto

4.1 Sistema de Gestión

Software de información

250,000 Incluido en software HOJA C ADMIN

4.2 Preparación de Informes

Ya se contempló

6 MANTENIMIENTO

6.3 Actividades Particulares del Mantenimiento

6.3.1 Pavimento y Baches

6.3.1.1 Reparación de Baches y Asentamientos

Se tiene como promedio de acuerdo a concesiones actuales del departamento en relación con el capex

MR

MP

Via nueva
Rehabilitación

del 0,5 al 2 %
del 0,5 al 2 %
del 7 al 25 %
del 7 al 25 %

6.3.2.1 Señalización Vertical

6.3.2.2 Demarcación Horizontal

6.3.2.3 Actualización de la Señalización Vertical y Horizontal

6.3.3 Barreras, defensas y elementos de contención

6.3.3.1 Actualización de los Sistemas de Contención Vehicular

6.3.4 Iluminación

El Concesionario se obliga a asegurar la adecuada iluminación de todas y cada una de las Estaciones de Pesaje, Estaciones de Peaje, Centros de Control de Operación, intersecciones a desnivel, paraderos y puentes peatonales y Áreas de Servicio de la(s) vía(s), con el fin de dar seguridad a la Operación en estos sitios.

6.3.5 Drenaje

6.3.5.1 Limpieza de obras de drenaje

6.3.5.2 Reconstrucción de cunetas y zanjas de coronación

6.3.6 Limpieza general de calzada, márgenes, bermas, y áreas de servicio

6.3.6.1 Limpieza de Calzada y Bermas

6.3.6.2 Limpieza de Separador Central, Márgenes, Áreas de Servicio y Terrenos dentro del Derecho de Sector

6.3.6.3 Rocería, Paisajismo y Mantenimiento de Plantaciones

6.3.7 Taludes. Remoción de derrumbes

6.3.8 Estructuras y puentes

ITEM CCO NORMA PARTICULAR

ITEM	V/UNITARIO	CANTIDAD	VALOR PARCIAL	SUBTOTAL
3.3.3.1 Sistema de Atención de Incidentes, Accidentes y Emergencias				
a) 1 vehículo de vigilancia que recorrerá toda la longitud de la(s) vía(s) de forma ininterrumpida 24 horas al Día, 365 Días al año.	70,000,000	1	70,000,000.0	
b) 1 Carrotaller	110,000,000	1	110,000,000.0	
c) 1 Grúas para movilizar vehículos Grandes	280,000,000	1	280,000,000.0	
d) 1 Grúa para movilizar vehículos pequeño	150,000,000	1	150,000,000.0	
e) 1 ambulancia	130,000,000	1	130,000,000.0	
SUB-TOTAL				740,000,000
OBRAS FISICAS Y DOTACION				
Obra física Peajes - incluye dotacion y sistemas	500,000,000	1	500,000,000	
CCO	400,000,000	1	400,000,000	
SUB-TOTAL				900,000,000
Tabla 7 - Equipo mínimo a ser puesto a disposición de la Policía de Carreteras	106,925,000.00	1	106,925,000.00	106,925,000
TOTAL CCO				1,746,925,000

Sistema de Pesaje Dinámico para vehículos de carga					
Servidor	Sistema	Descripción	Cant. /carri	V. Unitario	V. total
Servicio de Pesaje Dinámico Tipo (Balcón)	SPD-F	Dispositivos Pesaje de camión en uno en cada eje incluye servidor y software	2	\$27,500,000	\$195,000,000
Sistema de Agua (SPA)	SMT-E	Sensor de presencia vehicular	2	\$4,000,000	\$8,000,000
Servicio de Medición de Tráfico (SMT)	SMD-M	Camara de lecturas de placas vehiculo	2	\$1,300,000	\$2,600,000
Servicio de Monitoreo Dinámico (SMD)	SMD-S	Camara de toma de infracciones	2	\$8,100,000	\$16,200,000
Servicio de Información Dinámica (SID)	SID-F	Semáforo de entrada	1	\$100,000	\$100,000
Servicio de Información Dinámica (SID)	SPD-F	Semáforo de salida	1	\$100,000	\$100,000
Servicio de control de acceso	BCA	Barra de entrada y salida	2	\$8,000,000	\$16,000,000
Total					\$240,200,000

cio el movil

PESAJE 240,200,000

COBRO ELECTRONNCIO EN CARRILES DE PEAJES	COBRO ELECTRONICO POR CARRIL 93,900,000	
IMPLEMENTACION COBRO ELECTRONICO	COBRO ELECTRONICO POR ESTACION 223,700,000	
CALL CENTER OPERACIÓN	DATA CENTER 256,000,000	
MANTENIMIENTO POSTES DE COMUNICACIÓN S.O.S		POSTES SOS 83,300,000
MANTENIMIENTO SOFTWARE		SOFTWARE Y APLICACIONES 78,300,480
		MO Y MAT. IMPLEMENTACION 91,080,200
OPERACIÓN DE PEAJE		OPERACION 7,266,775
MANTENIMIENTO ESTACION DE PEAJE		MANTENIMIENTO 4,241,480

ANÁLISIS DE COSTOS ANUALES DE NÓMINA

A. Administración de la APP

\$ DIC 2014

Función asignada	Perfil	Cantidad	s.m.l.m.v	Salario mensual*	Factor prestacional	Total mes	Total año
Gerente general	Administrador	1	7	4,312,000	1.644	7,087,387	85,048,642
Gerente del proyecto	Ingeniero	1	5	3,080,000	1.644	5,062,419	60,749,030
Gerente administrativo y financiero	Financiero	1	5	3,080,000	1.644	5,062,419	60,749,030
Jefe de Costos y presupuestos	Ingeniero	1	4	2,464,000	1.644	4,049,935	48,599,224
Contador	NA	1	4	2,464,000	1.644	4,049,935	48,599,224
Auxiliar Contable	NA	1	2	1,232,000	1.644	2,024,968	24,299,612
Tesoreria	NA	1	3	1,848,000	1.644	3,037,451	36,449,418
Aux. administrativa	NA	1	2	1,232,000	1.851	2,280,642	27,367,699
Especialista ambiental	Ingeniero	1	4	2,464,000	1.644	4,049,935	48,599,224
Operación y Seguimiento del Tránsito	NA	1	2.5	1,540,000	1.644	2,531,210	30,374,515
Ingeniero de planeación	Ingeniero	1	4	2,464,000	1.644	4,049,935	48,599,224
Personal y Equipo de Atención Médica	NA	1	2	1,232,000	1.851	2,280,642	27,367,699
Jefe se sistemas de calidad.	Ingeniero	1	4	2,464,000	1.644	4,049,935	48,599,224
Asistente de calidad	Axilar de ingenieria	1	2	1,232,000	1.851	2,280,642	27,367,699
Personal de aseo	NA	2	1	616,000	1.851	2,280,642	27,367,699
Almacén	NA	1	2	1,232,000	1.851	2,280,642	27,367,699
Amigable componedor	NA	1	10	6,160,000	1.644	10,124,838	121,498,060
Auxiliares	Personal de oficina	2	1	616,000	1.851	2,280,642	27,367,699
Jefe de gestión humana	NA	1	4	2,464,000	1.644	4,049,935	48,599,224
Trabajadora social	NA	1	4	2,464,000	1.644	4,049,935	48,599,224
Vigilancia (Turnos Equivalentes DN)**	NA	4	1	616,000	1.644	4,049,935	48,599,224
TOTAL						81,014,024	972,168,288

B. Recaudo del Peaje y Pesaje

Función asignada	Perfil	Cantidad	s.m.l.m.v	Salario mensual*	Factor prestacional	Total mes	Total año
Supervisor	Administrador Cat 3	2	3	\$ 1,848,000	1.644	\$ 6,074,903	\$ 72,898,836
Auxiliares de Recaudo	NA	8	1.5	\$ 924,000	1.644	\$ 12,149,806	\$ 145,797,672
Sistemas de Recaudo y control	NA	GI	1	\$ 11,508,255	1.000	\$ 11,508,255	\$ 138,099,060
Sistema de Pesaje	NA	GI	1	\$ 3,000,000	1.000	\$ 3,000,000	\$ 36,000,000
Vigilancia (Turnos Equivalentes DN)**	NA	8	1.5	\$ 924,000	1.644	\$ 12,149,806	\$ 145,797,672
Personal Policía -Convenio DITRA	NA	5	2	\$ 1,232,000	1.644	\$ 10,124,838	\$ 121,498,060
Transporte de Recaudo	Global	2	50	\$ 30,800,000	1.000	\$ 61,600,000	\$ 739,200,000
TOTAL						116,607,608	1,399,291,298

\$ 12,512,513,900
11.18%

FACTORES	
Valores	
1.000	ABM
0.085	SALUD
0.120	PENSION
0.090	PARAFISCALES
0.005	ARP
0.083	Prima de Vacaciones
0.090	Prima de Servicios
0.085	Prima de Navidad
0.085	Cesantías
1.644	FACTOR 1
0.083	Dotación
0.124	Subs Transporte y Alimentaci
12.42%	
1.851	FACTOR 2
\$ 1,179,000	smimv
\$ 616,000	

DESCRIPCION	COSTO
Gastos Administrativos y de Oficinas	\$ 35,980,000
Prensa y Comunicaciones	\$ 1,780,000
Arriendos	\$ 2,500,000
Servicios Públicos(Acueducto,Energia, Telefonía e Internet)	\$ 3,000,000
Celular	\$ 1,500,000
Teléfono	\$ 1,000,000
Internet	\$ 2,000,000
Viáticos	\$ 3,500,000
Informacion y auditoria	\$ 1,200,000
Operación Sistemas SOS y sistemas de información	\$ 4,500,000
Consumibles (Papelería+Cafetería+ Aseo)	\$ 3,000,000
Seguros	\$ 10,000,000
Administrativos (Software BSC)	\$ 2,000,000
Contratistas y Honorarios	\$ 10,000,000
Revisoría Fiscal y Auditor	\$ 5,000,000
Asesoría jurídica	\$ 5,000,000
Varios	\$ 10,000,000
TOTAL POR MES	\$ 55,980,000

Cifras en Millones de Pesos

Año

2014

2015

1

2

3

4

5

6

7

8

[illegible]

9

10

11

12

13

14

15

16

17

18

19

20

[illegible]

21

22

23

24

25

26

27

28

29

30

[illegible]

TIR	7.468%
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1.426	1.469	1.513	1.558	1.605	1.653	1.702	1.754	1.806	1.860	1.916	1.974	2.033
12	13	14	15	16	17	18	19	20	21	22	23	24
12	12	12	12	12	12	12	12	12	12	12	12	12
2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
121,973,906,935	126,829,935,711	132,333,876,189	138,009,415,446	143,862,493,565	150,027,618,797	156,380,000,356	162,932,828,461	169,888,866,595	177,047,772,775	184,464,015,505	192,086,483,012	153,804,104,585
25,608,326,508	26,376,576,407	27,167,973,699	-	-	-	-	-	-	-	-	-	-
147,582,233,543	153,206,512,117	159,501,749,887	138,009,415,446	143,862,493,565	150,027,618,797	156,380,000,356	162,932,828,461	169,888,866,595	177,047,772,775	184,464,015,505	192,086,483,012	153,804,104,585
147,582,233,543	153,206,512,117	159,501,749,887	138,009,415,446	143,862,493,565	150,027,618,797	156,380,000,356	162,932,828,461	169,888,866,595	177,047,772,775	184,464,015,505	192,086,483,012	153,804,104,585
528,672,137	544,532,301	560,868,270	577,694,318	595,025,148	612,875,902	631,262,179	650,200,044	669,706,046	689,797,227	710,491,144	731,805,878	251,253,352
528,672,137	544,532,301	560,868,270	577,694,318	595,025,148	612,875,902	631,262,179	650,200,044	669,706,046	689,797,227	710,491,144	731,805,878	251,253,352
45,361,867,494	-	-	3,516,065,727	23,329,504,942	52,586,836,948	-	-	4,076,083,841	27,045,290,245	60,962,556,723	-	-
45,361,867,494	-	-	3,516,065,727	23,329,504,942	52,586,836,948	-	-	4,076,083,841	27,045,290,245	60,962,556,723	-	-
1,367,475,480	1,408,499,744	1,450,754,736	1,494,277,378	1,539,105,700	1,585,278,871	1,632,837,237	1,681,822,354	1,732,277,025	1,784,245,335	1,837,772,695	1,892,905,876	1,949,693,052
4,356,709,626	4,487,410,915	4,622,033,242	4,760,694,239	4,903,515,067	5,050,620,519	5,202,139,134	5,358,203,308	5,518,949,407	5,684,517,890	5,855,053,426	6,030,705,029	6,211,626,180
1,995,054,803	2,054,906,447	2,116,553,640	2,180,050,249	2,245,451,757	2,312,815,310	2,382,199,769	2,453,665,762	2,527,275,735	2,603,094,007	2,681,186,827	2,761,622,432	2,844,471,105
1,386,079,521	1,427,861,906	1,470,491,783	1,514,606,516	1,560,044,712	1,606,846,053	1,655,051,435	1,704,702,978	1,755,844,067	1,808,519,389	1,862,774,971	1,918,658,220	1,978,217,967
957,769,133	986,502,207	1,016,097,274	1,046,580,192	1,077,977,598	1,110,316,925	1,143,626,433	1,177,935,226	1,213,273,283	1,249,671,481	1,287,161,626	1,325,776,475	1,365,549,769
17,806,169	18,340,354	18,890,565	19,457,282	20,041,000	20,642,230	21,261,497	21,899,342	22,556,323	23,233,012	23,930,003	24,647,903	25,387,340
51,614,724,736	6,440,442,960	6,633,656,248	10,348,731,663	30,367,150,856	59,835,612,239	7,466,238,550	7,690,225,707	11,997,016,318	35,203,850,698	60,365,873,988	8,655,416,784	8,412,572,584
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
27,130,178,224	40,501,477,105	31,902,570,358	30,538,367,604	17,056,564,805	24,161,388,303	25,522,049,462	26,281,099,929	27,836,653,235	30,452,259,432	31,308,707,556	30,767,283,156	21,378,155,015
-	-	618,639,118	-	-	-	-	-	-	760,848,083	-	-	-
26,771,834,212	40,317,825,525	31,090,239,715	30,325,286,180	16,756,186,627	23,735,531,399	25,297,834,240	26,047,905,922	27,577,656,728	29,327,718,549	30,802,268,215	30,494,289,227	21,283,581,608
358,344,012	183,851,580	183,891,526	213,081,424	300,378,178	425,855,904	224,215,222	233,194,007	256,996,507	353,092,801	506,439,341	272,983,930	94,573,407
68,837,330,583	106,264,592,053	120,965,523,281	97,122,316,180	96,438,777,804	66,030,615,255	123,391,712,345	128,961,592,826	130,655,197,042	111,391,662,646	83,789,433,961	152,663,783,072	124,013,376,986

Estado de Resultados

2010

Ingresos Operacionales

Ingresos	-
Vigencias Futuras	-
Total Ingresos Operacionales	-

Costos Operacionales

Operación Obras adicionales	92,700,000
Operación y Mantenimiento	-
Interventoría	47,404,445
Mantenimiento Rutinario Obras Adicionales	-
Total Costos Operacionales	140,104,445

EBITDA	-	140,104,445
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Margen EBITDA

Costos no operacionales

Amortizaciones	-
Total Costos No Operacionales	-

Utilidad Operacional	-	140,104,445
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Utilidad antes de impuestos	-	140,104,445
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Impuestos		568,616,503
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Utilidad Neta	-	708,720,948
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2011	2012	2013	2014	2015
-	-	-	-	-
-	19,096,200,000	19,669,086,000	20,259,158,580	20,866,933,337
-	19,096,200,000	19,669,086,000	20,259,158,580	20,866,933,337
381,924,000	393,381,720	405,183,172	417,338,667	429,858,827
-	-	-	-	-
197,558,288	205,778,201	214,234,181	222,966,685	231,949,608
-	5,058,615,737	5,210,374,210	5,366,685,436	5,527,685,999
579,482,288	5,657,775,659	5,829,791,562	6,006,990,788	6,189,494,434
-	579,482,288	13,438,424,341	13,839,294,438	14,252,167,792
	70.37%	70.36%	70.35%	70.34%
654,153,274	5,191,826,448	6,605,939,208	6,605,939,208	6,605,939,208
654,153,274	5,191,826,448	6,605,939,208	6,605,939,208	6,605,939,208
-	1,233,635,562	8,246,597,894	7,233,355,229	7,646,228,584
-	1,233,635,562	8,246,597,894	7,233,355,229	7,646,228,584
568,616,503	413,539,275	413,539,275	413,539,275	413,539,275
-	1,802,252,065	7,833,058,618	6,819,815,954	7,232,689,309
				7,657,960,420

2016	2017	2018	2019	2020
-	-	-	-	-
21,492,941,338	22,137,729,578	22,801,861,465	23,485,917,309	24,190,494,828
21,492,941,338	22,137,729,578	22,801,861,465	23,485,917,309	24,190,494,828
442,754,592	456,037,229	469,718,346	483,809,897	498,324,193
-	-	-	-	-
241,229,589	250,762,687	260,928,173	271,441,477	282,211,472
5,693,516,579	5,864,322,076	6,040,251,739	6,221,459,291	6,408,103,069
6,377,500,760	6,571,121,993	6,770,898,257	6,976,710,665	7,188,638,735
15,115,440,578	15,566,607,585	16,030,963,208	16,509,206,644	17,001,856,093
70.33%	70.32%	70.31%	70.29%	70.28%
7,129,195,831	10,601,064,364	11,633,851,249	11,633,851,249	11,633,851,249
7,129,195,831	10,601,064,364	11,633,851,249	11,633,851,249	11,633,851,249
7,986,244,747	4,965,543,221	4,397,111,959	4,875,355,396	5,368,004,844
7,986,244,747	4,965,543,221	4,397,111,959	4,875,355,396	5,368,004,844
413,539,275	413,539,275	413,539,275	413,539,275	1,716,676,530
7,572,705,472	4,552,003,946	3,983,572,684	4,461,816,120	3,651,328,314

2021	2022	2023	2024	2025
78,218,758,924	121,973,906,935	126,829,935,711	132,333,876,189	138,009,415,446
24,916,209,673	25,663,695,963	26,433,606,842	27,226,615,047	-
103,134,968,597	147,637,602,898	153,263,542,553	159,560,491,236	138,009,415,446
513,273,919	528,672,137	544,532,301	560,868,270	577,694,318
23,465,627,677	36,592,172,080	38,048,980,713	39,700,162,857	41,402,824,634
293,320,346	304,934,767	317,074,839	330,834,690	345,023,539
6,600,346,162	6,798,356,546	7,002,307,243	7,212,376,460	7,428,747,754
30,872,568,104	44,224,135,531	45,912,895,096	47,804,242,277	49,754,290,244
72,262,400,493	103,413,467,367	107,350,647,457	111,756,248,959	88,255,125,202
70.07%	70.05%	70.04%	70.04%	63.95%
11,717,192,463	12,270,171,110	20,309,757,723	20,309,757,723	20,309,757,723
11,717,192,463	12,270,171,110	20,309,757,723	20,309,757,723	20,309,757,723
60,545,208,030	91,143,296,257	87,040,889,733	91,446,491,235	67,945,367,478
60,545,208,030	91,143,296,257	87,040,889,733	91,446,491,235	67,945,367,478
26,771,834,212	40,317,825,525	31,090,239,715	30,325,286,180	16,756,186,627
33,773,373,818	50,825,470,733	55,950,650,018	61,121,205,055	51,189,180,851

2026	2027	2028	2029	2030
143,862,493,565	150,027,618,797	156,380,000,356	162,932,828,461	169,888,866,595
-	-	-	-	-
143,862,493,565	150,027,618,797	156,380,000,356	162,932,828,461	169,888,866,595
595,025,148	612,875,902	631,262,179	650,200,044	669,706,046
43,158,748,069	45,008,285,639	46,914,000,107	48,879,848,538	50,966,659,978
359,656,234	375,069,047	390,950,001	407,332,071	424,722,166
7,651,610,186	7,881,158,492	8,117,593,247	8,361,121,044	8,611,954,676
51,765,039,637	53,877,389,080	56,053,805,534	58,298,501,698	60,673,042,866
92,097,453,927	96,150,229,717	100,326,194,822	104,634,326,763	109,215,823,728
64.02%	64.09%	64.16%	64.22%	64.29%
20,406,373,032	21,047,426,841	22,492,420,732	22,492,420,732	22,492,420,732
20,406,373,032	21,047,426,841	22,492,420,732	22,492,420,732	22,492,420,732
71,691,080,895	75,102,802,876	77,833,774,090	82,141,906,031	86,723,402,997
71,691,080,895	75,102,802,876	77,833,774,090	82,141,906,031	86,723,402,997
23,735,531,399	25,297,834,240	26,047,905,922	27,577,656,728	29,327,718,549
47,955,549,496	49,804,968,635	51,785,868,168	54,564,249,303	57,395,684,448

2031	2032	2033	2034
177,047,772,775	184,464,015,505	192,086,483,012	66,648,445,320
-	-	-	-
177,047,772,775	184,464,015,505	192,086,483,012	66,648,445,320
689,797,227	710,491,144	731,805,878	251,253,352
53,114,331,833	55,339,204,651	57,625,944,904	19,994,533,596
442,619,432	461,160,039	480,216,208	166,621,113
8,870,313,316	9,136,422,715	9,410,515,397	3,230,943,620
63,117,061,808	65,647,278,549	68,248,482,386	23,643,351,680
113,930,710,968	118,816,736,955	123,838,000,626	43,005,093,640
64.35%	64.41%	64.47%	64.53%
22,808,228,547	27,157,424,307	47,121,335,279	40,515,396,070
22,808,228,547	27,157,424,307	47,121,335,279	40,515,396,070
91,122,482,421	91,659,312,649	76,716,665,347	2,489,697,570
91,122,482,421	91,659,312,649	76,716,665,347	2,489,697,570
30,802,268,215	30,494,289,227	21,283,581,608	-
60,320,214,207	61,165,023,422	55,433,083,739	2,489,697,570

Inflación Colombia 3%

Tasa de Impuestos 33%

ESTRUCTURA DE CAPITAL

D/E	4.00
KD	80%
KE	20%

Costo de la Deuda Nominal

Tasa referencial (D/F) T.A	5.89%
Spread sobre D/F T.A	4%
KD antes de impuestos T.A	9.89%
KD antes de impuestos E.A	10.53%
KD después de impuestos	7.06%

Costo del Capital Nominal

Rf	3.14%	Risk free
1/N*(Rm-Rf)	5.86%	
Bu	0.83	
Bl	3.07	
WAC	17.96%	
PRP cds	2.849%	
KE USD	23.945%	
ne	2%	
nd	3%	
Dev	0.980%	
KE COP Nominales	25.160%	

WACC Nominal

KE	25.16%
% E	20%
KD	7.06%
% D	80%

WACC Nominal

Ke Real	21.53%
WACC Real	7.454%

Datos Demográficos

Industry Name	number of firm	Beta	D/E Ratio	Tax rate	Unlevered beta	Cash/Firm value	beta corrected	%	Average Beta unlevered
Construction	18	0.96	0.2947	0.0882	0.75	0.0189	0.94	69%	0.51
Engineering	56	1.2	0.2272	0.1486	1.01	0.1121	1.13	32%	0.32
								1.00	0.83

Industry Name	number of firm	Beta	D/E Ratio	Tax rate	Unlevered beta	Cash/Firm value	beta corrected for cash
Advertising	65	1.03	52.57%	6.04%	0.69	5.91%	0.73
Aerospace/Defense	95	1.01	18.99%	15.03%	0.87	6.24%	0.92
Air Transport	25	0.94	109.48%	13.79%	0.48	6.92%	0.52
Apparel	70	1.15	21.33%	10.29%	0.96	2.99%	0.99
Auto & Truck	26	1.28	97.56%	4.71%	0.66	8.48%	0.72
Auto Parts	75	1.46	32.00%	9.43%	1.13	8.04%	1.23
Bank	7	0.72	84.19%	22.17%	0.43	10.94%	0.49
Banks (Regional)	721	0.58	72.00%	18.00%	0.37	13.80%	0.43
Beverage	47	1.42	22.16%	3.95%	1.17	5.06%	1.24
Beverage (Alcohol)	19	1.14	27.56%	10.72%	0.91	1.38%	0.93
Biotechnology	349	1.12	9.15%	1.13%	1.02	4.39%	1.07
Broadcasting	30	1.53	48.49%	13.21%	1.08	2.31%	1.10
Brokerage & Investment Bank	49	1.11	400.56%	13.44%	0.25	24.39%	0.33
Building Materials	37	1.27	30.05%	16.33%	1.02	5.04%	1.07
Business & Consumer Services	179	0.90	29.23%	13.41%	0.72	4.33%	0.75
Cable TV	16	0.97	49.23%	15.00%	0.69	2.58%	0.71
Chemical (Basic)	47	1.01	29.67%	6.27%	0.79	7.19%	0.85
Chemical (Diversified)	10	1.42	33.39%	25.03%	1.13	6.82%	1.22
Chemical (Specialty)	100	1.01	16.30%	12.74%	0.89	6.25%	0.95
Coal & Related Energy	45	1.28	86.63%	2.44%	0.69	5.86%	0.73
Computer Services	129	0.92	20.48%	9.94%	0.78	5.48%	0.82
Computer Software	273	1.07	8.68%	6.16%	0.99	5.50%	1.04
Computers/Peripherals	66	1.15	8.83%	5.66%	1.06	5.92%	1.13
Construction	18	0.96	30.47%	9.82%	0.75	1.89%	0.77
Diversified	20	0.77	94.47%	12.60%	0.42	2.27%	0.43
Educational Services	40	1.24	39.03%	11.84%	0.92	11.98%	1.04
Electrical Equipment	135	1.14	13.74%	7.49%	1.01	5.37%	1.07
Electronics	191	1.02	16.01%	7.52%	0.89	10.69%	1.00
Electronics (Consumer & Office)	26	1.37	40.30%	8.97%	1.00	6.97%	1.08
Engineering	56	1.20	22.72%	14.86%	1.01	11.21%	1.13
Entertainment	85	1.19	25.98%	4.85%	0.95	4.05%	0.99
Environmental & Waste Services	108	1.13	43.59%	5.02%	0.88	1.42%	0.81
Farming/Agriculture	29	0.79	41.12%	9.01%	0.58	7.63%	0.63
Financial Svcs.	76	0.99	102.12%	18.37%	0.54	7.22%	0.58
Financial Svcs. (Non-bank & Int'l)	17	1.05	331.47%	9.77%	0.26	7.85%	0.29
Food Processing	97	0.85	27.92%	14.00%	0.69	3.10%	0.71
Food Wholesalers	18	1.18	16.79%	10.69%	1.02	1.71%	1.04
Furniture/Furnishings	36	1.24	27.66%	10.03%	0.99	3.88%	1.03
Healthcare Equipment	193	0.85	17.26%	5.80%	0.73	5.20%	0.77
Healthcare Facilities	47	1.13	120.90%	13.49%	0.55	1.22%	0.56
Healthcare Products	58	1.00	15.80%	8.76%	0.85	4.28%	0.89
Healthcare Services	126	0.83	27.93%	13.77%	0.67	6.54%	0.77
Healthcare Information & Technology	125	0.99	14.52%	6.09%	0.87	4.88%	1.02
Heavy Construction	46	1.67	56.30%	19.40%	1.15	5.54%	1.22
Homebuilding	32	1.71	56.61%	6.68%	1.12	9.15%	1.23
Hotel/Gaming	89	1.27	52.33%	10.48%	0.87	3.84%	0.9
Household Products	139	1.00	19.33%	9.51%	0.86	5.32%	0.89
Information Services	71	0.84	10.63%	17.05%	0.77	3.84%	0.81
Insurance (General)	26	0.92	46.14%	19.19%	0.67	5.04%	0.71
Insurance (Life)	27	1.21	66.67%	17.82%	0.78	10.41%	0.87
Insurance (Property/Casualty)	27	0.86	19.42%	6.09%	0.59	1.47%	0.59
Insurance (Re/Pro/Casualty)	330	1.05	4.16%	4.59%	1.01	3.91%	1.05
Internet software and services	65	0.82	104.40%	6.62%	0.41	11.38%	0.47
Investment Co.	141	1.04	17.50%	13.02%	0.91	5.90%	0.96
Machinery	134	1.26	48.21%	12.81%	0.86	6.37%	1.06
Metals & Mining	30	1.14	55.08%	12.81%	0.77	5.45%	0.82
Office Equipment & Services	8	1.00	8.54%	20.55%	0.94	3.09%	0.97
Oil/Gas (Integrated)	411	1.24	156.15%	6.29%	0.5	1.76%	0.51
Oil/Gas Production and Exploration	80	0.82	51.93%	4.18%	0.55	1.12%	0.55
Oil/Gas Distribution	163	1.3	20.29%	10.73%	1.1	5.69%	1.17
Offshore Svcs/Equip.	163	1.30	20.29%	10.73%	1.10	5.69%	1.17
Packaging & Container	24	0.99	49.19%	21.28%	0.71	3.31%	0.73
Paper/Forest Products	21	1.34	51.99%	8.20%	0.9	3.12%	0.93
Pharmaceuticals	138	1.1	13.87%	4.30%	0.97	5.15%	1.03
Power	106	0.68	85.11%	16.03%	0.4	2.05%	0.4
Precious Metals	166	1.33	37.02%	0.82%	0.98	10.57%	1.09
Publishing & Newspapers	52	1.08	36.82%	13.92%	0.82	6.06%	0.87
R.E.I.T.	46	0.78	569.79%	2.48%	0.12	2.40%	0.12
Railroad	10	1.08	23.69%	20.51%	0.91	1.61%	0.92
Real Estate	22	0.99	24.90%	3.00%	0.8	6.27%	0.85
Real Estate (Development)	11	0.72	17.30%	8.72%	0.62	0.69%	0.62
Real Estate (Operations & Services)	11	0.72	17.30%	8.72%	0.62	0.69%	0.62
Recreation	47	1.03	50.57%	8.56%	0.91	3.25%	0.94
Reinsurance	3	0.56	38.50%	13.34%	0.42	10.46%	0.47
Restaurant	84	0.86	27.57%	15.17%	0.69	2.56%	0.71
Retail (Automotive)	30	1.15	57.51%	19.23%	0.79	2.25%	0.8
Retail (Building Supply)	87	1.07	22.18%	21.97%	0.91	2.89%	0.94
Retail (Distributors)	7	1.07	22.18%	21.97%	0.91	2.89%	0.94
Retail (General)	21	0.98	35.62%	25.03%	0.73	3.19%	0.74
Retail (Grocery and Food)	21	0.81	56.86%	22.83%	0.57	1.72%	0.58
Retail (Internet)	47	1.03	5.06%	9.80%	0.99	3.03%	1.02
Retail (Special Line)	137	0.99	37.80%	18.90%	0.75	3.20%	0.78
Rubber/Tires	4	1.27	109.78%	15.21%	0.66	17.50%	0.8
Semiconductor	104	1.19	13.02%	7.30%	1.06	6.34%	1.14
Semiconductor Equip	12	0.94	20.83%	16.18%	0.73	1.86%	0.74
Shipbuilding & Marine	14	1.5	65.35%	4.99%	0.92	2.28%	0.94
Shoe	14	0.83	7.89%	19.82%	0.78	3.53%	0.81
Steel	37	1.19	45.91%	14.13%	0.85	6.31%	0.91
Telecom (Wireless)	28	0.68	105.14%	11.54%	0.35	1.07%	0.37
Telecom Equipment	131	1.14	10.77%	6.00%	1.04	6.36%	1.11
Telecom Services	82	0.94	71.23%	8.40%	0.57	9.63%	0.63
Telecom Services	131	1.14	10.77%	6.00%	1.04	6.36%	1.11
Thrift	223	0.53	NA	18.93%	0.01	1.88%	NA
Tobacco	12	0.94	20.83%	14.23%	0.8	3.80%	0.83
Transportation	22	1.01	20.75%	21.21%	0.86	5.60%	0.92
Trucking	28	1.17	78.48%	27.93%	0.75	2.92%	0.77
Utility (General)	20	0.56	69.35%	29.93%	0.38	0.97%	0.38
Utility (Water)	20	0.75	57.90%	14.52%	0.5	0.55%	0.5
Grand Total	7766	1.01	74.28%	10.32%	0.6	5.24%	0.64

Average

Industry Name	number of firm	Beta	D/E Ratio	Tax rate	Unlevered beta	Cash/Firm value	beta corrected	%	Average Beta unlevered
Construction	18	0.96	0.2947	0.0882	0.75	0.0189	0.94	69%	0.51
Engineering	56	1.2	0.2272	0.1486	1.01	0.1121	1.13	32%	0.32
								1.00	0.83

Aerospace/Defense	65	1.03	52.57%	6.04%	0.69	5.91%
Aerospace/Defense	95	1.01	18.99%	15.03%	0.87	6.24%
Air Transport	25	0.94	109.48%	13.79%	0.48	6.92%
Apparel	70	1.15	21.33%	10.29%	0.96	2.99%
Auto & Truck	26	1.28	97.56%	4.71%	0.66	8.48%
Auto Parts	75	1.46	32.00%	9.43%	1.13	8.04%
Bank	7	0.72	84.19%	22.17%	0.43	10.94%
Banks (Regional)	721	0.58	72.00%	18.00%	0.37	13.80%
Beverage	47	1.42	22.16%	3.95%	1.17	5.06%
Beverage (Alcohol)	19	1.14	27.56%	10.72%	0.91	1.38%
Biotechnology	349	1.12	9.15%	1.13%	1.02	4.39%
Broadcasting	30	1.53	48.49%	13.21%	1.08	2.31%
Brokerage & Inves	49	1.11	400.56%	13.44%	0.25	24.39%
Building Materials	37	1.27	30.05%	16.33%	1.02	5.04%
Business & Consum	179	0.9	29.23%	13.41%	0.72	4.33%
Cable TV	16	0.97	49.23%	15.00%	0.69	2.58%
Chemical (Basic)	47	1.01	29.67%	6.27%	0.79	7.19%
Chemical (Diversif	10	1.42	33.39%	25.03%	1.13	6.82%
Chemical (Special)	100	1.01	16.30%	12.74%	0.89	6.25%
Coal & Related En	45	1.28	86.63%	2.44%	0.69	5.86%
Computer Services	129	0.92	20.48%	9.94%	0.78	5.48%
Computer Softwar	273	1.07	8.68%	6.16%	0.99	5.50%
Computers/Perph	66	1.15	8.83%	5.66%	1.06	5.92%
Construction	18	0.96	30.47%	9.82%	0.75	1.89%
Diversified	20	0.77	94.47%	12.60%	0.42	2.27%
Educational Servic	40	1.24	39.03%	11.84%	0.92	11.98%
Electrical Equipme	135	1.14	13.74%	7.49%	1.01	5.37%
Electronics	191	1.02	16.01%	7.52%	0.89	10.69%
Electronics (Consu	26	1.37	40.30%	8.97%	1.00	6.97%
Engineering	56	1.2	22.72%	14.86%	1.01	11.21%
Entertainment	85	1.19	25.98%	4.85%	0.95	4.05%
Environmental & W	108	1.13	43.59%	5.02%	0.88	1.42%
Farming/Agricultur	29	0.79	41.12%	9.01%	0.58	7.63%
Financial Svcs	76	0.99	102.12%	18.37%	0.54	7.22%
Financial Svcs. (N	17	1.05	331.47%	9.77%	0.26	7.85%
Food Processing	97	0.85	27.92%	14.00%	0.69	3.10%
Food Wholesaler	18	1.18	16.79%	10.69%	1.02	1.71%
Furniture/Furnish	36	1.24	27.66%	10.03%	0.99	3.88%
Healthcare Equipme	193	0.85	17.26%	5.80%	0.73	5.20%
Healthcare Facilit	47	1.13	120.90%	13.49%	0.55	1.
Healthcare Equipm	58	1	19.80%	8.76%	0.85	4.28%
Healthcare Service	126	0.83	27.93%	13.77%	0.67	6.54%
Healthcare Informa	125	0.99	14.52%	6.09%	0.87	4.88%
Healthcare Structur	46	1.67	55.51%	11.45%	1.19	1.54%
Homebuilding	32	1.71	56.61%	6.68%	1.12	9.15%
Hotel/Gaming	89	1.27	52.33%	10.48%	0.87	3.84%
Household Product	139	1	19.33%	9.51%	0.86	3.52%
Information Service	1	0.84	10.63%	17.05%	0.77	3.84%
Insurance (Gen)	0.92	0.46	19.18%	19.42%	0.54	7.08%
Insurance (Life)	27	1.21	66.67%	17.82%	0.78	10.41%
Insurance (Pro/Ca	53	0.76	34.98%	19.42%	0.6	5.47%
Internet Software	330	1.05	41.60%	13.95%	1.01	3.98%
Investment Couns	630	0.82	104.40%	10.25%	0.54	1.96%
Machinery	141	1.04	17.50%	15.02%	0.91	5.90%
Mills & Mining	134	1.26	48.21%	1.90%	0.86	3.57%
Office Equipmen	30	1.14	55.08%	12.81%	0.77	5.45%
Oil/Gas (Integrate	8	1	8.54%	20.54%	0.94	3.09%
Oil/Gas (Production)	411	1.24	156.15%	6.29%	0.5	1.76%
Oil/Gas Distributi	80	0.82	51.93%	4.28%	0.55	1.12%
Oilfield Svcs/Equip	163	1.3	20.29%	17.38%	1.1	5.69%
Packaging & Conta	24	0.99	49.09%	20.28%	0.71	3.31%
Paper/Pulp/Print	134	1.1	51.91%	11.91%	0.9	3.12%
Pharmaceuticals	138	1.1	13.87%	4.30%	0.97	5.15%
Pharma & Drugs	106	0.68	85.11%	16.03%	0.4	2.05%
Power	166	1.33	37.02%	0.82%	0.98	10.57%
Precious Metals	108	1.08	36.82%	2.82%	0.9	5.15%
Publishing & Newsp	46	0.78	569.79%	2.48%	0.12	2.40%
Railroad	10	1.08	23.69%	20.51%	0.91	1.61%
Real Estate (Devel	22	0.99	24.90%	3.00%	0.8	6.27%
Real Estate (Gene	11	0.72	17.30%	8.72%	0.62	0.69%
Real Estate (Opera	70	1.3	25.13%	8.81%	1.06	4.22%
Recreation	70	1.3	25.13%	8.81%	1.06	4.22%
Reinsurance	3	0.56	38.50%	13.34%	0.42	10.46%
Restaurant	84	0.86	27.57%	15.17%	0.69	2.56%
Retail (Automotive	115	1.15	57.51%	12.91%	0.78	3.12%
Retail (Buildings	7	1.07	22.18%	21.97%	0.91	2.89%
Retail Distributors	87	1	43.82%	16.81%	0.73	1.86%
Retail (General)	21	0.98	35.62%	25.03%	0.77	3.19%
Retail (Grocery)	21	0.91	55.66%	22.82%	0.55	1.72%
Retail (Internet)	47	1.03	5.65%	9.80%	0.99	3.03%
Retail (Special Line	137	0.99	37.80%	18.90%	0.75	3.20%
Rubber/Tires	4	1.27	109.78%	15.21%	0.66	17.50%
Semiconductor	104	1.19	13.02%	7.70%	1.06	6.34%
Service (E&C)	125	1.15	16.91%	7.91%	0.92	3.12%
Shipping & Mar	14	1.5	65.35%	4.99%	0.92	2.28%
Steel	14	0.83	7.89%	19.18%	0.78	3.53%
Telephone (Wireless)	21	1.19	45.91%	14.32%	0.85	6.31%
Telecom. Equipmen	208	0.68	105.14%	12.81%	0.52	1.31%
Telecom. Services	131	1.14	10.77%	6.90%	1.04	6.36%
Thrift	82	0.94	71.23%	8.40%	0.57	9.63%
Tobacco	223	0.53	NA	19.23%	0.01	1.88%
Transportation	22	0.91	20.83%	21.21%	0.8	3.89%
Transportation	22	0.91	20.75%	21.21%	0.86	5.60%
Trucking	28	1.17	78.48%	27.93%	0.75	2.92%
Utility (General)	20	0.56	69.35%	29.93%	0.38	0.97%
Utility (Water)	27	0.75	57.90%	14.32%	0.5	0.55%
Total Market	7766	1.01	74.28%	10.25%	0.6	5.24%

Annual Returns on Investments Compounded Value of \$ 100										
Year	S&P 500	12-month T-Bill	12-year T-Bond	Stocks	T-Bills	T-Bonds	Stocks - Bills	Stocks - Bond	Historical risk premium	
1928	43.81%	3.08%	0.84%	\$ 143.81	\$ 103.08	\$ 100.84	40.73%	42.98%		
1929	-8.30%	3.16%	4.20%	\$ 131.88	\$ 106.34	\$ 105.07	-11.46%	-12.50%		
1930	-25.12%	4.55%	4.54%	\$ 98.75	\$ 111.18	\$ 109.85	-29.67%	-29.66%		
1931	-43.84%	2.31%	-2.56%	\$ 55.46	\$ 113.74	\$ 107.03	-46.13%	-41.28%		
1932	-8.64%	1.07%	8.79%	\$ 50.66	\$ 114.96	\$ 116.44	-9.71%	-17.43%		
1933	49.98%	0.96%	1.86%	\$ 75.99	\$ 116.06	\$ 118.60	49.02%	48.13%		
1934	-1.19%	0.32%	7.96%	\$ 75.09	\$ 116.44	\$ 128.05	-1.51%	-9.15%		
1935	46.78%	0.18%	4.47%	\$ 110.18	\$ 116.64	\$ 133.78	46.57%	42.27%		
1936	31.94%	0.17%	5.02%	\$ 145.38	\$ 116.84	\$ 140.49	31.77%	26.93%		
1937	-35.34%	0.30%	1.38%	\$ 94.00	\$ 117.19	\$ 142.43	-35.64%	-36.72%		
1938	29.28%	0.08%	4.21%	\$ 121.53	\$ 117.29	\$ 148.43	29.21%	25.07%		
1939	-1.10%	0.00%	4.41%	\$ 120.20	\$ 117.33	\$ 154.98	-1.44%	-5.51%		
1940	-10.67%	0.03%	5.40%	\$ 107.37	\$ 117.36	\$ 163.35	-10.70%	-16.08%		
1941	-12.77%	0.08%	-2.02%	\$ 93.66	\$ 117.46	\$ 160.04	-12.85%	-10.75%		
1942	15.17%	0.34%	2.29%	\$ 111.61	\$ 117.85	\$ 163.72	18.84%	16.88%		
1943	35.06%	0.28%	2.69%	\$ 129.59	\$ 118.30	\$ 167.29	24.68%	22.57%		
1944	19.03%	0.38%	2.58%	\$ 166.15	\$ 118.75	\$ 172.12	18.65%	16.45%		
1945	35.82%	0.38%	3.80%	\$ 225.67	\$ 119.20	\$ 178.67	35.44%	32.02%		
1946	-8.43%	0.38%	3.13%	\$ 206.65	\$ 119.65	\$ 184.26	-8.81%	-11.56%		
1947	3.20%	0.57%	0.92%	\$ 217.39	\$ 120.33	\$ 185.95	4.63%	4.28%		
1948	5.70%	1.02%	1.95%	\$ 229.79	\$ 121.56	\$ 189.58	4.68%	3.75%		
1949	18.30%	1.10%	4.66%	\$ 271.85	\$ 122.90	\$ 198.42	17.20%	13.64%		
1950	30.81%	1.17%	0.43%	\$ 355.60	\$ 124.34	\$ 199.27	29.63%	30.38%		
1951	23.68%	1.60%	-1.30%	\$ 439.40	\$ 126.18	\$ 198.68	22.30%	23.97%		
1952	18.13%	1.67%	2.27%	\$ 519.62	\$ 128.29	\$ 203.19	16.48%	15.88%		
1953	-1.21%	1.89%	4.14%	\$ 513.35	\$ 130.72	\$ 211.61	-3.10%	-5.35%		
1954	52.56%	0.96%	3.29%	\$ 783.18	\$ 131.98	\$ 218.57	51.60%	49.27%		
1955	31.60%	1.66%	1.34%	\$ 1,038.47	\$ 134.17	\$ 215.65	30.94%	33.93%		
1956	7.46%	2.56%	-2.26%	\$ 1,115.73	\$ 137.60	\$ 210.79	4.88%	4.70%		
1957	-10.46%	3.23%	6.80%	\$ 999.05	\$ 142.04	\$ 225.11	-13.69%	-17.25%		
1958	43.72%	1.78%	-2.10%	\$ 1,435.84	\$ 144.57	\$ 220.39	41.94%	45.82%		
1959	12.06%	3.26%	-2.65%	\$ 1,608.95	\$ 149.27	\$ 214.56	8.80%	14.70%		
1960	9.34%	3.05%	11.64%	\$ 1,614.17	\$ 151.82	\$ 239.53	2.71%	1.30%	6.11%	
1961	26.64%	2.27%	2.06%	\$ 2,044.40	\$ 157.30	\$ 244.46	24.37%	24.58%		6.62%
1962	-8.81%	2.78%	5.69%	\$ 1,864.26	\$ 161.67	\$ 258.38	-11.50%	-14.51%		5.97%
1963	22.61%	3.11%	1.68%	\$ 2,285.80	\$ 166.70	\$ 264.74	19.50%	20.93%		6.36%
1964	14.49%	3.51%	2.72%	\$ 2,661.02	\$ 172.54	\$ 272.53	12.91%	12.69%		6.53%
1965	12.40%	3.90%	0.72%	\$ 2,990.97	\$ 179.28	\$ 274.49	8.50%	11.68%		6.66%
1966	-9.97%	4.84%	2.91%	\$ 2,692.74	\$ 187.95	\$ 282.47	-14.81%	-12.88%		6.11%
1967	23.80%	4.33%	-1.58%	\$ 3,333.69	\$ 196.10	\$ 279.01	19.47%	25.38%		6.57%
1968	20.33%	4.59%	2.27%	\$ 3,929.80	\$ 206.41	\$ 287.12	5.55%	7.54%		6.60%
1969	-8.24%	6.56%	-5.01%	\$ 3,389.77	\$ 219.96	\$ 272.71	-14.80%	-3.23%		6.33%
1970	3.56%	6.69%	16.75%	\$ 3,510.49	\$ 234.66	\$ 318.41	-3.12%	-13.19%		5.90%
1971	14.22%	4.54%	9.79%	\$ 4,009.72	\$ 245.32	\$ 349.57	9.68%	4.43%		5.87%
1972	16.40%	3.95%	7.26%	\$ 4,761.76	\$ 255.01	\$ 395.42	14.80%	14.80%		6.08%
1973	-14.31%	6.73%	3.66%	\$ 4,080.44	\$ 272.16	\$ 372.57	-21.03%	-17.97%		5.50%
1974	-25.90%	7.78%	1.99%	\$ 3,023.54	\$ 293.33	\$ 379.98	-33.68%	-27.89%		4.64%
1975	37.00%	5.99%	3.61%	\$ 4,142.10	\$ 310.90	\$ 393.68	31.01%	33.39%		5.17%
1976	23.83%	4.57%	15.98%	\$ 5,129.30	\$ 336.35	\$ 456.61	18.86%	7.85%		5.22%
1977	6.98%	5.13%	1.29%	\$ 4,771.20	\$ 343.09	\$ 462.50	-12.11%	-8.27%		4.93%
1978	6.51%	6.93%	-0.78%	\$ 5,081.77	\$ 366.87	\$ 458.90	-0.42%	7.29%		4.97%
1979	18.52%	9.94%	0.67%	\$ 6,022.89	\$ 403.33	\$ 461.98	8.58%	17.85%		5.21%
1980	31.76%	11.23%	2.99%	\$ 7,934.81	\$ 488.58	\$ 488.17	20.23%	34.72%		5.73%
1981	-4.70%	14.30%	8.20%	\$ 7,561.36	\$ 512.73	\$ 484.91	-19.00%	-12.90%		5.37%
1982	20.42%	11.01%	32.81%	\$ 9,105.08	\$ 569.18	\$ 644.04	9.41%	-12.40%		5.10%
1983	22.34%	8.45%	3.20%	\$ 11,138.90	\$ 617.26	\$ 664.65	13.89%	19.14%		5.34%
1984	6.15%	9.61%	13.73%	\$ 11,623.61	\$ 676.60	\$ 755.94	-3.47%	-7.59%		5.12%
1985	31.28%	7.69%	25.71%	\$ 15,516.60	\$ 727.26	\$ 950.29	23.53%	5.52%		5.13%
1986	18.89%	6.04%	24.28%	\$ 18,386.33	\$ 771.15	\$ 1,181.06	12.46%	-5.79%		4.97%
1987	5.81%	5.72%	-4.96%	\$ 19,455.08	\$ 815.27	\$ 1,122.47	0.09%	-10.77%		5.07%
1988	16.54%	6.45%	8.22%	\$ 22,672.40	\$ 867.86	\$ 1,214.78	10.09%	8.31%		5.12%
1989	31.48%	8.11%	17.69%	\$ 29,808.58	\$ 938.24	\$ 1,429.72	23.37%	13.78%		5.24%
1990	-3.06%	7.55%	6.24%	\$ 28,895.11	\$ 1,009.08	\$ 1,518.87	-10.61%	-9.30%		5.00%
1991	30.23%	5.61%	15.00%	\$ 37,631.51	\$ 1,065.69	\$ 1,746.77	24.62%	15.23%		5.14%
1992	7.49%	3.41%	9.36%	\$ 40,451.51	\$ 1,101.98	\$ 1,910.39	4.09%	-1.87%		5.03%
1993	9.97%	2.98%	14.21%	\$ 44,693.33	\$ 1,134.84	\$ 2,181.17	6.96%	4.24%		4.90%
1994	1.33%	3.99%	-8.04%	\$ 45,073.14	\$ 1,180.07	\$ 2,006.43	-2.66%	9.36%		4.97%
1995	37.20%	5.52%	23.48%	\$ 61,838.19	\$ 1,245.15	\$ 2,477.55	31.68%	13.71%		5.08%
1996	22.68%	5.02%	1.43%	\$ 75,863.69	\$ 1,307.68	\$ 2,512.94	17.66%	21.25%		5.30%
1997	31.10%	5.05%	9.94%	\$ 100,973.34	\$ 1,372.76	\$ 2,762.71	28.05%	23.16%		5.53%
1998	28.34%	4.73%	14.92%	\$ 129,952.25	\$ 1,438.70	\$ 3,174.95	23.61%	13.42%		5.63%
1999	20.89%	4.51%	-8.25%	\$ 156,658.05	\$ 1,503.58	\$ 2,912.88	16.38%	20.14%		5.96%
2000	-9.03%	5.76%	16.66%	\$ 142,508.98	\$ 1,590.23	\$ 3,398.03	-14.79%	-25.69%		5.51%
2001	11.85%	3.67%	5.57%	\$ 155,022.01	\$ 1,648.63	\$ 3,587.37	15.52%	-17.42%		5.17%
2002	-21.97%	1.66%	15.12%	\$ 98,027.82	\$ 1,675.96	\$ 4,129.65	-23.62%	-37.08%		4.53%
2003	28.36%	1.03%	0.38%	\$ 125,824.39	\$ 1,693.22	\$ 4,145.15	27.33%	27.98%		4.82%
2004	10.74%	1.23%	4.49%	\$ 139,341.42	\$ 1,714.00	\$ 4,331.30	9.52%	6.25%		4.84%
2005	4.83%	3.01%	2.87%	\$ 146,077.85	\$ 1,765.59	\$ 4,455.59	1.83%	1.97%		4.80%
2006	15.61%	4.68%	1.96%	\$ 168,884.34	\$ 1,848.18	\$ 4,542.87	10.94%	13.65%		4.91%
2007	5.48%	4.64%	10.21%	\$ 178,147.20	\$ 1,933.98	\$ 5,006.69	0.84%	-4.73%		4.79%
2008	-36.55%	1.59%	20.10%	\$ 113,030.22	\$ 1,964.64	\$ 6,013.10	-38.14%	-56.65%		3.88%
2009	25.94%	0.14%	11.12%	\$ 142,344.87	\$ 1,967.29	\$ 5,344.65	25.86%	37.05%		4.29%
2010	14.82%	0.13%	8.46%	\$ 163,441.94	\$ 1,969.84	\$ 5,796.96	14.69%	6.36%		4.31%
2011	2.07%	0.03%	16.04%	\$ 166,818.38	\$ 1,970.44	\$ 6,726.53	2.04%	-13.97%		4.10%
2012	15.83%	0.05%	2.97%	\$ 193,219.24	\$ 1,971.42	\$ 6,926.40	15.78%	12.85%		4.20%
2013	32.15%	0.07%	-9.10%	\$ 181,241.24	\$ 1,232.42	\$ 5,441.40	10.21%	7.35%		3.91%

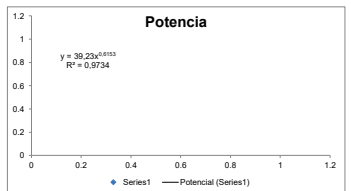
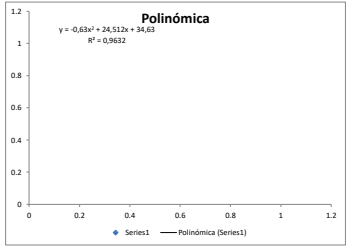
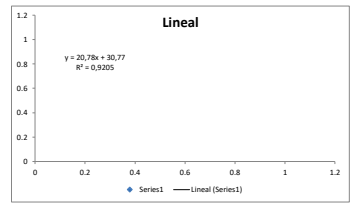
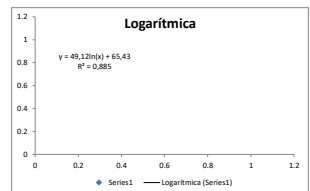
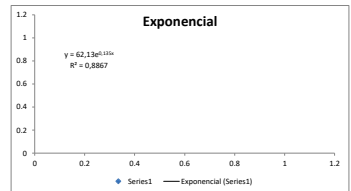
Arithmetic Average				Risk Premium	
1929-2013				Stocks - T-Bills	Stocks - T-Bonds
	11.12%	3.58%	5.26%	7.55%	5.86%

CDS - Bloomberg

Date	CD2893 Colombia USD Sr CDS Curve 11/12/14		
0.5	33.36	0.33%	
1	34.75	0.45%	
2	68.54	0.69%	
3	93.14	0.93%	
4	120.16	1.20%	
5	150.23	1.50%	
7	193.25	1.93%	
10	218.36	2.18%	

	R2	X	CDS
Exponencial	0.88670	25	
Logarítmica	0.885	25	
Lineal	0.9305	25	
Polinómica	0.9632	25	
Potencia	0.9734	39.23	0.6153

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Tasas de captación semanales - DTF, CDT 180 días, CDT 360 días y TCC



Serie histórica

Información disponible a partir de enero de 1984 para DTF y TCC, y para CDT 180 y CDT 360 desde julio de 1993

PROMEDIO 10 AÑOS

Vigencia desde	Vigencia hasta	Tasa de interés - efectiva anual			
		DTF	CDT 180	CDT 360	TCC
27/12/2010	02/01/2011	3.47%	3.89%	4.22%	2.96%
20/12/2010	26/12/2010	3.46%	3.87%	4.21%	2.78%
13/12/2010	19/12/2010	3.56%	3.90%	4.16%	3.63%
06/12/2010	12/12/2010	3.46%	3.89%	4.14%	3.61%
29/11/2010	05/12/2010	3.40%	3.85%	4.12%	2.78%
22/11/2010	28/11/2010	3.43%	3.87%	4.18%	2.78%
15/11/2010	21/11/2010	3.49%	3.87%	4.27%	2.78%
08/11/2010	14/11/2010	3.51%	3.87%	4.25%	2.78%
01/11/2010	07/11/2010	3.46%	3.85%	4.28%	3.45%
25/10/2010	31/10/2010	3.43%	3.91%	4.26%	3.70%
18/10/2010	24/10/2010	3.44%	3.87%	4.22%	2.91%
11/10/2010	17/10/2010	3.41%	3.88%	4.29%	2.82%
04/10/2010	10/10/2010	3.39%	3.87%	4.30%	3.59%
27/09/2010	03/10/2010	3.50%	3.86%	4.25%	3.64%
20/09/2010	26/09/2010	3.46%	3.91%	4.14%	3.63%
13/09/2010	19/09/2010	3.52%	3.88%	4.24%	3.16%
06/09/2010	12/09/2010	3.46%	3.96%	4.17%	2.78%
30/08/2010	05/09/2010	3.48%	3.89%	4.39%	3.38%
23/08/2010	29/08/2010	3.45%	3.93%	4.23%	3.27%
16/08/2010	22/08/2010	3.58%	4.05%	4.26%	3.70%
09/08/2010	15/08/2010	3.48%	3.89%	4.25%	3.69%
02/08/2010	08/08/2010	3.55%	3.98%	4.28%	2.78%
26/07/2010	01/08/2010	3.48%	3.93%	4.22%	3.69%
19/07/2010	25/07/2010	3.54%	3.88%	4.28%	3.28%
12/07/2010	18/07/2010	3.52%	3.92%	4.29%	2.79%
05/07/2010	11/07/2010	3.42%	3.89%	4.17%	3.27%
28/06/2010	04/07/2010	3.50%	3.90%	4.40%	3.06%
21/06/2010	27/06/2010	3.58%	3.91%	4.33%	2.78%
14/06/2010	20/06/2010	3.55%	3.93%	4.39%	3.66%
07/06/2010	13/06/2010	3.56%	3.98%	4.18%	3.67%
31/05/2010	06/06/2010	3.55%	3.96%	4.34%	3.49%
24/05/2010	30/05/2010	3.62%	4.00%	4.62%	3.70%
17/05/2010	23/05/2010	3.71%	4.04%	4.55%	3.71%
10/05/2010	16/05/2010	3.77%	4.08%	4.50%	3.71%
03/05/2010	09/05/2010	4.00%	4.25%	4.48%	3.69%
26/04/2010	02/05/2010	3.89%	4.26%	4.58%	3.96%
19/04/2010	25/04/2010	3.91%	4.30%	4.59%	3.86%
12/04/2010	18/04/2010	3.86%	4.22%	4.67%	3.30%
05/04/2010	11/04/2010	3.90%	4.24%	4.75%	3.49%
29/03/2010	04/04/2010	4.04%	4.20%	4.61%	3.90%
22/03/2010	28/03/2010	3.84%	4.25%	4.73%	3.86%
15/03/2010	21/03/2010	3.89%	4.38%	4.65%	4.00%
08/03/2010	14/03/2010	3.98%	4.37%	4.75%	4.36%
01/03/2010	07/03/2010	4.02%	4.29%	4.81%	3.29%
22/02/2010	28/02/2010	3.96%	4.31%	4.66%	4.04%
15/02/2010	21/02/2010	4.03%	4.43%	4.84%	3.29%
08/02/2010	14/02/2010	4.02%	4.38%	4.84%	3.29%
01/02/2010	07/02/2010	4.10%	4.44%	4.84%	3.29%
25/01/2010	31/01/2010	4.10%	4.38%	4.77%	4.08%
18/01/2010	24/01/2010	3.98%	4.46%	4.72%	3.86%
11/01/2010	17/01/2010	4.00%	4.37%	4.60%	3.77%
04/01/2010	10/01/2010	3.92%	4.42%	4.94%	4.31%

28/12/2009	03/01/2010	4.11%	4.38%	4.90%	4.00%
21/12/2009	27/12/2009	4.14%	4.37%	4.60%	3.77%
14/12/2009	20/12/2009	4.25%	4.49%	4.59%	3.66%
07/12/2009	13/12/2009	4.21%	4.64%	4.82%	3.75%
30/11/2009	06/12/2009	4.35%	4.65%	4.84%	3.44%
23/11/2009	29/11/2009	4.47%	4.80%	5.17%	3.54%
16/11/2009	22/11/2009	4.47%	4.87%	4.91%	4.66%
09/11/2009	15/11/2009	4.33%	4.95%	4.98%	4.05%
02/11/2009	08/11/2009	4.35%	4.88%	5.00%	4.71%
26/10/2009	01/11/2009	4.45%	4.95%	5.10%	4.55%
19/10/2009	25/10/2009	4.40%	5.06%	5.35%	4.82%
12/10/2009	18/10/2009	4.47%	5.02%	5.10%	4.31%
05/10/2009	11/10/2009	4.75%	5.12%	5.40%	4.31%
28/09/2009	04/10/2009	4.77%	5.34%	5.64%	4.83%
21/09/2009	27/09/2009	4.94%	5.25%	5.67%	5.22%
14/09/2009	20/09/2009	4.99%	5.40%	5.71%	5.02%
07/09/2009	13/09/2009	4.94%	5.37%	5.31%	4.56%
31/08/2009	06/09/2009	5.02%	5.45%	5.90%	4.56%
24/08/2009	30/08/2009	5.10%	5.46%	5.53%	4.56%
17/08/2009	23/08/2009	5.13%	5.43%	5.37%	4.56%
10/08/2009	16/08/2009	5.04%	5.54%	5.52%	4.62%
03/08/2009	09/08/2009	5.06%	5.66%	5.65%	5.66%
27/07/2009	02/08/2009	5.24%	5.51%	5.78%	4.56%
20/07/2009	26/07/2009	5.11%	5.60%	5.85%	5.49%
13/07/2009	19/07/2009	5.19%	5.77%	5.88%	5.04%
06/07/2009	12/07/2009	5.32%	5.79%	5.74%	4.56%
29/06/2009	05/07/2009	5.40%	6.07%	5.67%	5.80%
22/06/2009	28/06/2009	5.54%	6.04%	6.14%	5.75%
15/06/2009	21/06/2009	5.46%	6.23%	6.21%	6.04%
08/06/2009	14/06/2009	5.70%	6.46%	6.31%	5.64%
01/06/2009	07/06/2009	6.10%	6.81%	6.77%	5.57%
25/05/2009	31/05/2009	6.11%	6.75%	7.21%	6.61%
18/05/2009	24/05/2009	6.29%	6.91%	7.25%	6.59%
11/05/2009	17/05/2009	6.58%	7.44%	8.43%	5.99%
04/05/2009	10/05/2009	7.09%	7.41%	7.71%	7.25%
27/04/2009	03/05/2009	6.87%	7.46%	7.71%	7.51%
20/04/2009	26/04/2009	7.15%	7.59%	7.92%	7.44%
13/04/2009	19/04/2009	7.33%	7.60%	7.51%	7.45%
06/04/2009	12/04/2009	7.91%	7.78%	8.41%	6.59%
30/03/2009	05/04/2009	7.68%	8.06%	8.46%	7.91%
23/03/2009	29/03/2009	8.13%	8.90%	8.94%	6.59%
16/03/2009	22/03/2009	8.34%	8.87%	8.69%	6.59%
09/03/2009	15/03/2009	8.59%	9.14%	9.11%	9.08%
02/03/2009	08/03/2009	8.86%	9.34%	9.65%	8.66%
23/02/2009	01/03/2009	9.02%	9.50%	9.58%	6.59%
16/02/2009	22/02/2009	8.94%	9.60%	9.81%	6.59%
09/02/2009	15/02/2009	9.43%	9.71%	10.05%	6.59%
02/02/2009	08/02/2009	9.56%	10.06%	10.28%	9.63%
26/01/2009	01/02/2009	9.79%	9.98%	10.53%	10.22%
19/01/2009	25/01/2009	9.62%	10.11%	10.43%	6.59%
12/01/2009	18/01/2009	9.73%	10.02%	10.33%	6.59%
05/01/2009	11/01/2009	9.73%	10.16%	10.65%	
29/12/2008	04/01/2009	9.82%	10.09%	10.92%	6.59%
22/12/2008	28/12/2008	10.33%	10.58%	10.92%	6.59%
15/12/2008	21/12/2008	10.19%	10.54%	11.26%	
08/12/2008	14/12/2008	10.20%	10.35%	11.11%	
01/12/2008	07/12/2008	10.27%	9.96%	10.64%	9.25%
24/11/2008	30/11/2008	9.96%	10.39%	10.34%	
17/11/2008	23/11/2008	10.02%	10.13%	10.25%	9.30%
10/11/2008	16/11/2008	10.16%	10.30%	9.90%	

03/11/2008	09/11/2008	10.07%	10.10%	10.35%	6.70%
27/10/2008	02/11/2008	10.20%	10.54%	9.93%	8.50%
20/10/2008	26/10/2008	10.03%	9.88%	9.11%	
13/10/2008	19/10/2008	9.85%	10.02%	9.38%	
06/10/2008	12/10/2008	9.32%	10.30%	10.00%	10.00%
29/09/2008	05/10/2008	9.61%	10.13%	10.82%	
22/09/2008	28/09/2008	10.05%	10.08%	10.78%	8.80%
15/09/2008	21/09/2008	10.10%	10.28%	10.24%	3.50%
08/09/2008	14/09/2008	9.87%	9.96%	10.48%	3.02%
01/09/2008	07/09/2008	10.21%	9.77%	10.76%	5.67%
25/08/2008	31/08/2008	9.89%	9.69%	10.56%	
18/08/2008	24/08/2008	9.81%	9.82%	10.22%	8.24%
11/08/2008	17/08/2008	9.89%	9.87%	9.94%	6.50%
04/08/2008	10/08/2008	9.73%	10.04%	9.14%	6.50%
28/07/2008	03/08/2008	9.61%	9.67%	9.41%	6.50%
21/07/2008	27/07/2008	9.63%	9.38%	9.84%	6.50%
14/07/2008	20/07/2008	9.65%	9.39%	9.22%	7.32%
07/07/2008	13/07/2008	9.25%	9.07%	8.36%	6.50%
30/06/2008	06/07/2008	9.80%	9.42%	9.24%	6.50%
23/06/2008	29/06/2008	9.92%	9.87%	8.51%	8.51%
16/06/2008	22/06/2008	9.80%	10.10%	9.68%	3.00%
09/06/2008	15/06/2008	9.21%	9.82%	8.64%	
02/06/2008	08/06/2008	9.81%	9.45%	8.68%	6.50%
26/05/2008	01/06/2008	9.49%	9.60%	9.14%	
19/05/2008	25/05/2008	9.73%	9.60%	9.82%	
12/05/2008	18/05/2008	9.25%	9.69%	9.63%	8.91%
05/05/2008	11/05/2008	9.83%	9.80%	10.32%	3.39%
28/04/2008	04/05/2008	9.75%	9.98%	9.34%	8.08%
21/04/2008	27/04/2008	9.61%	9.74%	10.77%	6.35%
14/04/2008	20/04/2008	9.80%	9.80%	10.33%	6.76%
07/04/2008	13/04/2008	9.74%	9.48%	10.49%	10.74%
31/03/2008	06/04/2008	9.82%	9.56%	9.44%	7.83%
24/03/2008	30/03/2008	9.53%	9.03%	9.63%	
17/03/2008	23/03/2008	9.74%	9.35%	9.52%	
10/03/2008	16/03/2008	9.21%	9.22%	9.45%	6.50%
03/03/2008	09/03/2008	9.63%	9.37%	8.99%	3.50%
25/02/2008	02/03/2008	9.32%	8.93%	8.92%	
18/02/2008	24/02/2008	9.28%	9.06%	9.72%	8.50%
11/02/2008	17/02/2008	8.54%	9.09%	9.04%	
04/02/2008	10/02/2008	9.21%	9.14%	9.90%	6.52%
28/01/2008	03/02/2008	9.26%	8.87%	8.96%	8.08%
21/01/2008	27/01/2008	8.97%	8.83%	8.87%	
14/01/2008	20/01/2008	9.05%	8.60%	8.96%	3.50%
07/01/2008	13/01/2008	8.95%	9.03%	8.88%	
31/12/2007	06/01/2008	9.15%	8.85%	9.02%	6.87%
24/12/2007	30/12/2007	9.01%	8.84%	8.46%	3.50%
17/12/2007	23/12/2007	8.90%	8.85%	9.66%	
10/12/2007	16/12/2007	8.69%	8.89%	8.74%	8.50%
03/12/2007	09/12/2007	8.65%	8.97%	9.16%	3.50%
26/11/2007	02/12/2007	8.56%	8.98%	8.89%	
19/11/2007	25/11/2007	8.83%	9.27%	9.18%	5.34%
12/11/2007	18/11/2007	8.65%	9.08%	8.72%	
05/11/2007	11/11/2007	8.69%	8.74%	7.70%	6.50%
29/10/2007	04/11/2007	8.84%	8.86%	7.90%	8.08%
22/10/2007	28/10/2007	8.69%	8.94%	8.87%	4.69%
15/10/2007	21/10/2007	8.31%	8.71%	8.72%	
08/10/2007	14/10/2007	8.42%	8.64%	9.39%	
01/10/2007	07/10/2007	8.77%	8.59%	8.81%	6.88%
24/09/2007	30/09/2007	8.88%	9.05%	8.55%	3.50%
17/09/2007	23/09/2007	8.90%	8.89%	8.88%	

10/09/2007	16/09/2007	8.96%	8.51%	8.34%	8.35%
03/09/2007	09/09/2007	8.53%	8.39%	8.86%	3.50%
27/08/2007	02/09/2007	8.43%	8.26%	8.62%	
20/08/2007	26/08/2007	8.44%	8.48%	8.63%	
13/08/2007	19/08/2007	8.78%	8.23%	8.65%	
06/08/2007	12/08/2007	8.23%	8.28%	9.02%	6.06%
30/07/2007	05/08/2007	8.38%	7.86%	8.17%	7.80%
23/07/2007	29/07/2007	8.19%	7.75%	8.44%	
16/07/2007	22/07/2007	8.35%	7.65%	8.01%	
09/07/2007	15/07/2007	8.16%	7.44%	7.18%	
02/07/2007	08/07/2007	8.38%	7.63%	7.03%	6.20%
25/06/2007	01/07/2007	7.93%	7.75%	7.19%	
18/06/2007	24/06/2007	7.98%	7.87%	8.84%	5.30%
11/06/2007	17/06/2007	7.60%	7.63%	8.27%	
04/06/2007	10/06/2007	7.78%	7.80%	8.39%	3.64%
28/05/2007	03/06/2007	7.73%	7.68%	7.06%	5.60%
21/05/2007	27/05/2007	7.61%	7.70%	6.55%	8.67%
14/05/2007	20/05/2007	7.36%	7.51%	6.61%	5.60%
07/05/2007	13/05/2007	7.62%	7.47%	7.49%	6.08%
30/04/2007	06/05/2007	7.43%	7.52%	7.64%	6.70%
23/04/2007	29/04/2007	7.50%	7.68%	7.83%	6.70%
16/04/2007	22/04/2007	7.39%	7.51%	7.66%	
09/04/2007	15/04/2007	7.37%	7.41%	8.03%	
02/04/2007	08/04/2007	7.44%	7.45%	8.22%	5.89%
26/03/2007	01/04/2007	7.60%	7.62%	7.68%	6.50%
19/03/2007	25/03/2007	7.66%	7.50%	8.54%	
12/03/2007	18/03/2007	7.28%	7.28%	7.83%	7.11%
05/03/2007	11/03/2007	7.10%	7.19%	7.74%	6.95%
26/02/2007	04/03/2007	6.66%	6.98%	8.13%	6.50%
19/02/2007	25/02/2007	6.94%	7.12%	7.74%	6.50%
12/02/2007	18/02/2007	6.60%	7.03%	7.54%	6.85%
05/02/2007	11/02/2007	6.90%	7.29%	7.67%	
29/01/2007	04/02/2007	6.82%	7.19%	7.43%	6.65%
22/01/2007	28/01/2007	6.81%	7.06%	7.49%	
15/01/2007	21/01/2007	6.71%	7.05%	7.15%	6.80%
08/01/2007	14/01/2007	6.69%	6.87%	7.85%	
01/01/2007	07/01/2007	6.76%	7.27%	7.53%	6.60%
25/12/2006	31/12/2006	6.82%	7.10%	7.83%	6.67%
18/12/2006	24/12/2006	6.83%	7.18%	7.46%	6.88%
11/12/2006	17/12/2006	6.52%	7.14%	7.08%	6.74%
04/12/2006	10/12/2006	6.47%	7.18%	7.30%	6.70%
27/11/2006	03/12/2006	6.70%	7.00%	7.55%	6.63%
20/11/2006	26/11/2006	6.77%	7.23%	6.86%	6.71%
13/11/2006	19/11/2006	6.70%	7.25%	6.36%	6.67%
06/11/2006	12/11/2006	6.49%	7.46%	6.41%	6.77%
30/10/2006	05/11/2006	6.68%	7.07%	5.95%	6.74%
23/10/2006	29/10/2006	6.43%	7.00%	5.77%	6.69%
16/10/2006	22/10/2006	6.23%	7.00%	5.55%	6.69%
09/10/2006	15/10/2006	6.22%	6.85%	6.85%	7.14%
02/10/2006	08/10/2006	6.29%	6.83%	7.65%	6.72%
25/09/2006	01/10/2006	6.53%	7.04%	7.36%	6.89%
18/09/2006	24/09/2006	6.32%	6.87%	7.31%	6.65%
11/09/2006	17/09/2006	6.50%	6.85%	6.96%	6.76%
04/09/2006	10/09/2006	6.27%	6.72%	7.21%	6.67%
28/08/2006	03/09/2006	6.16%	6.80%	7.45%	6.74%
21/08/2006	27/08/2006	6.46%	6.80%	7.15%	6.78%
14/08/2006	20/08/2006	6.45%	6.83%	6.92%	6.75%
07/08/2006	13/08/2006	6.48%	6.73%	6.63%	6.90%
31/07/2006	06/08/2006	6.74%	6.96%	6.58%	7.04%
24/07/2006	30/07/2006	6.35%	6.58%	6.54%	6.64%

17/07/2006	23/07/2006	6.45%	6.56%	6.68%	6.64%
10/07/2006	16/07/2006	6.17%	6.50%	6.19%	6.62%
03/07/2006	09/07/2006	6.18%	6.60%	5.91%	6.53%
26/06/2006	02/07/2006	6.14%	6.58%	6.07%	6.57%
19/06/2006	25/06/2006	6.13%	6.60%	5.66%	6.51%
12/06/2006	18/06/2006	6.01%	6.72%	6.15%	6.79%
05/06/2006	11/06/2006	6.07%	6.63%	6.11%	6.50%
29/05/2006	04/06/2006	5.98%	6.49%	6.53%	6.49%
22/05/2006	28/05/2006	5.95%	6.49%	5.81%	6.68%
15/05/2006	21/05/2006	5.99%	6.43%	6.18%	6.44%
08/05/2006	14/05/2006	5.91%	6.46%	6.49%	6.50%
01/05/2006	07/05/2006	5.96%	6.43%	6.89%	6.54%
24/04/2006	30/04/2006	5.89%	6.48%	6.85%	5.89%
17/04/2006	23/04/2006	5.88%	6.53%	7.00%	5.88%
10/04/2006	16/04/2006	5.93%	6.55%	6.55%	5.93%
03/04/2006	09/04/2006	5.99%	6.52%	6.99%	6.64%
27/03/2006	02/04/2006	5.92%	6.47%	6.83%	6.74%
20/03/2006	26/03/2006	5.99%	6.42%	6.99%	6.57%
13/03/2006	19/03/2006	5.96%	6.49%	7.03%	6.92%
06/03/2006	12/03/2006	5.98%	6.63%	6.83%	6.53%
27/02/2006	05/03/2006	5.98%	6.54%	6.89%	6.53%
20/02/2006	26/02/2006	6.06%	6.48%	6.88%	6.54%
13/02/2006	19/02/2006	6.07%	6.68%	6.65%	6.54%
06/02/2006	12/02/2006	6.05%	6.65%	6.97%	6.68%
30/01/2006	05/02/2006	6.09%	6.72%	7.11%	6.60%
23/01/2006	29/01/2006	6.12%	6.80%	6.80%	6.69%
16/01/2006	22/01/2006	6.20%	6.88%	7.02%	6.72%
09/01/2006	15/01/2006	6.23%	6.87%	7.19%	6.63%
02/01/2006	08/01/2006	6.19%	6.97%	7.26%	6.74%
26/12/2005	01/01/2006	6.31%	7.09%	7.55%	6.78%
19/12/2005	25/12/2005	6.35%	7.15%	7.11%	6.90%
12/12/2005	18/12/2005	6.39%	6.91%	6.99%	6.67%
05/12/2005	11/12/2005	6.33%	6.88%	6.80%	6.75%
28/11/2005	04/12/2005	6.39%	7.06%	7.20%	6.91%
21/11/2005	27/11/2005	6.44%	7.09%	6.99%	6.77%
14/11/2005	20/11/2005	6.49%	7.13%	7.05%	6.95%
07/11/2005	13/11/2005	6.45%	7.09%	6.80%	6.70%
31/10/2005	06/11/2005	6.46%	7.08%	6.20%	6.79%
24/10/2005	30/10/2005	6.45%	7.12%	6.10%	6.94%
17/10/2005	23/10/2005	6.51%	7.24%	6.70%	6.99%
10/10/2005	16/10/2005	6.52%	7.05%	6.86%	6.99%
03/10/2005	09/10/2005	6.76%	7.37%	7.65%	7.07%
26/09/2005	02/10/2005	6.82%	7.36%	7.38%	7.17%
19/09/2005	25/09/2005	6.88%	7.46%	7.57%	7.16%
12/09/2005	18/09/2005	6.86%	7.46%	7.72%	7.35%
05/09/2005	11/09/2005	6.96%	7.42%	7.65%	7.30%
29/08/2005	04/09/2005	6.94%	7.50%	7.98%	7.22%
22/08/2005	28/08/2005	6.99%	7.48%	7.65%	7.21%
15/08/2005	21/08/2005	7.01%	7.53%	7.65%	7.27%
08/08/2005	14/08/2005	7.03%	7.54%	7.65%	7.49%
01/08/2005	07/08/2005	7.12%	7.49%	7.51%	7.42%
25/07/2005	31/07/2005	7.14%	7.58%	7.43%	7.55%
18/07/2005	24/07/2005	7.05%	7.59%	7.62%	7.63%
11/07/2005	17/07/2005	7.07%	7.59%	7.77%	7.59%
04/07/2005	10/07/2005	7.11%	7.64%	7.24%	7.57%
27/06/2005	03/07/2005	7.18%	7.73%	7.19%	7.59%
20/06/2005	26/06/2005	7.21%	7.79%	6.72%	7.76%
13/06/2005	19/06/2005	7.21%	7.69%	6.88%	7.72%
06/06/2005	12/06/2005	7.18%	7.67%	8.00%	7.64%
30/05/2005	05/06/2005	7.12%	7.75%	8.00%	7.75%

23/05/2005	29/05/2005	7.17%	7.76%	8.17%	7.71%
16/05/2005	22/05/2005	7.17%	7.87%	8.08%	7.76%
09/05/2005	15/05/2005	7.28%	7.81%	7.99%	7.83%
02/05/2005	08/05/2005	7.32%	7.77%	7.83%	7.58%
25/04/2005	01/05/2005	7.26%	7.81%	8.30%	7.88%
18/04/2005	24/04/2005	7.25%	7.86%	7.89%	7.78%
11/04/2005	17/04/2005	7.32%	7.91%	7.93%	7.94%
04/04/2005	10/04/2005	7.29%	7.96%	8.09%	7.87%
28/03/2005	03/04/2005	7.44%	8.01%	8.01%	7.97%
21/03/2005	27/03/2005	7.36%	7.94%	7.94%	7.93%
14/03/2005	20/03/2005	7.34%	7.98%	8.32%	7.96%
07/03/2005	13/03/2005	7.37%	7.93%	8.52%	7.89%
28/02/2005	06/03/2005	7.42%	7.95%	8.69%	7.92%
21/02/2005	27/02/2005	7.38%	8.01%	8.50%	7.97%
14/02/2005	20/02/2005	7.38%	8.00%	8.72%	7.80%
07/02/2005	13/02/2005	7.50%	8.09%	8.55%	7.90%
31/01/2005	06/02/2005	7.64%	8.27%	8.94%	7.90%
24/01/2005	30/01/2005	7.64%	8.16%	8.45%	8.15%
17/01/2005	23/01/2005	7.79%	8.38%	8.96%	8.23%
10/01/2005	16/01/2005	7.70%	8.26%	8.44%	8.18%
03/01/2005	09/01/2005	7.73%	8.45%	8.61%	8.11%
27/12/2004	02/01/2005	7.71%	8.45%	8.90%	8.13%
20/12/2004	26/12/2004	7.73%	8.52%	8.88%	8.37%
13/12/2004	19/12/2004	7.79%	8.39%	8.79%	8.49%
06/12/2004	12/12/2004	7.76%	8.42%	8.81%	8.42%
29/11/2004	05/12/2004	7.68%	8.48%	9.20%	8.38%
22/11/2004	28/11/2004	7.68%	8.51%	8.29%	8.18%
15/11/2004	21/11/2004	7.69%	8.29%	8.02%	8.33%
08/11/2004	14/11/2004	7.67%	8.43%	8.29%	8.23%
01/11/2004	07/11/2004	7.68%	8.41%	7.45%	8.29%
25/10/2004	31/10/2004	7.72%	8.45%	7.14%	8.24%
18/10/2004	24/10/2004	7.70%	8.32%	7.44%	8.23%
11/10/2004	17/10/2004	7.61%	8.39%	7.70%	8.31%
04/10/2004	10/10/2004	7.66%	8.31%	8.50%	8.52%
27/09/2004	03/10/2004	7.72%	8.30%	8.35%	8.34%
20/09/2004	26/09/2004	7.72%	8.37%	8.52%	8.33%
13/09/2004	19/09/2004	7.77%	8.36%	8.85%	8.42%
06/09/2004	12/09/2004	7.80%	8.15%	8.76%	8.40%
30/08/2004	05/09/2004	7.80%	8.37%	8.52%	8.44%
23/08/2004	29/08/2004	7.78%	8.26%	8.50%	8.30%
16/08/2004	22/08/2004	7.75%	8.28%	8.43%	8.41%
09/08/2004	15/08/2004	7.73%	8.23%	8.94%	8.42%
02/08/2004	08/08/2004	7.87%	8.31%	7.95%	8.59%
26/07/2004	01/08/2004	7.79%	8.44%	7.33%	8.50%
19/07/2004	25/07/2004	7.91%	8.27%	7.14%	8.79%
12/07/2004	18/07/2004	7.76%	8.50%	7.83%	8.53%
05/07/2004	11/07/2004	7.89%	8.36%	6.71%	8.73%
28/06/2004	04/07/2004	7.81%	8.36%	7.95%	8.55%
21/06/2004	27/06/2004	7.90%	8.62%	7.66%	8.62%
14/06/2004	20/06/2004	7.84%	8.47%	6.84%	8.46%
07/06/2004	13/06/2004	7.73%	8.51%	7.90%	8.51%
31/05/2004	06/06/2004	7.89%	8.55%	9.09%	8.63%
24/05/2004	30/05/2004	7.80%	8.58%	8.54%	8.43%
17/05/2004	23/05/2004	7.76%	8.49%	8.92%	8.61%
10/05/2004	16/05/2004	7.87%	8.53%	8.50%	8.62%
03/05/2004	09/05/2004	7.89%	8.50%	8.70%	8.56%
26/04/2004	02/05/2004	7.75%	8.44%	8.76%	8.65%
19/04/2004	25/04/2004	7.85%	8.56%	8.56%	8.44%
12/04/2004	18/04/2004	7.77%	8.45%	8.38%	8.39%
05/04/2004	11/04/2004	7.69%	8.37%	8.61%	8.46%

29/03/2004	04/04/2004	7.81%	8.31%	8.48%	8.60%
22/03/2004	28/03/2004	7.67%	8.43%	8.86%	8.45%
15/03/2004	21/03/2004	7.71%	8.37%	8.59%	8.35%
08/03/2004	14/03/2004	8.02%	8.54%	8.65%	8.86%
01/03/2004	07/03/2004	7.70%	8.61%	9.00%	8.52%
23/02/2004	29/02/2004	7.76%	8.50%	8.88%	8.61%
16/02/2004	22/02/2004	7.98%	8.55%	8.94%	8.78%
09/02/2004	15/02/2004	7.93%	8.57%	8.86%	8.80%
02/02/2004	08/02/2004	8.01%	8.77%	8.91%	8.62%
26/01/2004	01/02/2004	7.99%	8.53%	8.83%	8.81%
19/01/2004	25/01/2004	7.90%	8.66%	9.12%	8.62%
12/01/2004	18/01/2004	7.99%	8.68%	9.94%	8.53%
05/01/2004	11/01/2004	7.96%	8.51%	8.77%	8.51%
29/12/2003	04/01/2004	7.92%	8.59%	9.02%	8.70%
22/12/2003	28/12/2003	7.88%	8.69%	9.01%	8.71%
15/12/2003	21/12/2003	7.93%	8.71%	8.78%	8.57%
08/12/2003	14/12/2003	8.01%	8.75%	8.87%	8.76%
01/12/2003	07/12/2003	7.94%	8.55%	8.99%	8.61%
24/11/2003	30/11/2003	7.85%	8.65%	8.88%	8.64%
17/11/2003	23/11/2003	7.95%	8.60%	8.60%	8.66%
10/11/2003	16/11/2003	7.96%	8.62%	7.31%	8.69%
03/11/2003	09/11/2003	7.91%	8.58%	7.66%	8.55%
27/10/2003	02/11/2003	7.82%	8.59%	8.43%	8.64%
20/10/2003	26/10/2003	7.84%	8.63%	6.60%	8.53%
13/10/2003	19/10/2003	7.75%	8.36%	8.14%	8.37%
06/10/2003	12/10/2003	7.68%	8.50%	7.66%	8.20%
29/09/2003	05/10/2003	7.77%	8.38%	8.56%	8.43%
22/09/2003	28/09/2003	7.83%	8.52%	8.91%	8.46%
15/09/2003	21/09/2003	7.78%	8.53%	9.34%	8.47%
08/09/2003	14/09/2003	7.79%	8.42%	8.38%	8.54%
01/09/2003	07/09/2003	7.76%	8.31%	8.54%	8.46%
25/08/2003	31/08/2003	7.88%	8.52%	8.76%	8.55%
18/08/2003	24/08/2003	7.87%	8.37%	9.25%	8.49%
11/08/2003	17/08/2003	7.85%	8.44%	8.52%	8.40%
04/08/2003	10/08/2003	7.87%	8.46%	7.93%	8.49%
28/07/2003	03/08/2003	7.83%	8.29%	8.05%	8.32%
21/07/2003	27/07/2003	7.81%	8.34%	8.03%	8.46%
14/07/2003	20/07/2003	7.74%	8.36%	7.87%	8.31%
07/07/2003	13/07/2003	7.80%	8.13%	7.48%	8.43%
30/06/2003	06/07/2003	7.81%	8.37%	7.55%	8.28%
23/06/2003	29/06/2003	7.78%	8.30%	7.57%	8.40%
16/06/2003	22/06/2003	7.77%	8.41%	8.69%	8.42%
09/06/2003	15/06/2003	7.75%	8.41%	8.24%	8.47%
02/06/2003	08/06/2003	7.76%	8.34%	8.50%	8.46%
26/05/2003	01/06/2003	7.81%	8.33%	8.58%	8.47%
19/05/2003	25/05/2003	7.81%	8.26%	8.52%	8.35%
12/05/2003	18/05/2003	7.79%	8.33%	9.18%	8.35%
05/05/2003	11/05/2003	7.76%	8.39%	10.13%	8.11%
28/04/2003	04/05/2003	7.71%	8.37%	8.63%	8.17%
21/04/2003	27/04/2003	7.72%	8.37%	8.64%	8.33%
14/04/2003	20/04/2003	7.68%	8.28%	9.49%	8.12%
07/04/2003	13/04/2003	7.68%	8.30%	8.91%	8.27%
31/03/2003	06/04/2003	7.68%	8.18%	8.33%	8.05%
24/03/2003	30/03/2003	7.80%	8.20%	7.85%	8.06%
17/03/2003	23/03/2003	7.75%	8.16%	8.54%	8.25%
10/03/2003	16/03/2003	7.84%	8.34%	8.67%	8.33%
03/03/2003	09/03/2003	7.77%	8.28%	9.54%	8.19%
24/02/2003	02/03/2003	7.82%	8.24%	8.47%	8.30%
17/02/2003	23/02/2003	7.69%	8.15%	11.49%	8.00%
10/02/2003	16/02/2003	7.75%	8.25%	8.43%	8.28%

03/02/2003	09/02/2003	7.78%	8.35%	8.07%	8.26%
27/01/2003	02/02/2003	7.65%	8.22%	9.34%	8.25%
20/01/2003	26/01/2003	7.60%	8.30%	8.41%	8.16%
13/01/2003	19/01/2003	7.62%	8.41%	8.76%	7.87%
06/01/2003	12/01/2003	7.70%	8.33%	8.55%	8.18%
30/12/2002	05/01/2003	7.70%	8.53%	8.19%	8.24%
23/12/2002	29/12/2002	7.73%	8.47%	8.33%	8.28%
16/12/2002	22/12/2002	7.76%	8.50%	8.09%	8.37%
09/12/2002	15/12/2002	7.72%	8.50%	8.24%	8.27%
02/12/2002	08/12/2002	7.85%	8.61%	8.85%	8.16%
25/11/2002	01/12/2002	7.91%	8.55%	8.11%	8.53%
18/11/2002	24/11/2002	7.93%	8.62%	7.88%	8.26%
11/11/2002	17/11/2002	7.91%	8.58%	7.98%	8.36%
04/11/2002	10/11/2002	7.91%	8.61%	7.28%	8.27%
28/10/2002	03/11/2002	7.90%	8.64%	7.72%	8.19%
21/10/2002	27/10/2002	7.97%	8.67%	7.43%	8.20%
14/10/2002	20/10/2002	7.84%	8.62%	7.78%	8.26%
07/10/2002	13/10/2002	7.77%	8.77%	8.59%	8.24%
30/09/2002	06/10/2002	7.91%	8.82%	8.91%	8.36%
23/09/2002	29/09/2002	7.93%	8.64%	8.86%	8.29%
16/09/2002	22/09/2002	7.96%	8.71%	8.73%	8.48%
09/09/2002	15/09/2002	7.96%	8.60%	8.73%	8.47%
02/09/2002	08/09/2002	7.94%	8.57%	9.02%	8.41%
26/08/2002	01/09/2002	8.00%	8.56%	8.84%	8.46%
19/08/2002	25/08/2002	7.82%	8.44%	8.79%	8.15%
12/08/2002	18/08/2002	7.88%	8.38%	8.77%	8.35%
05/08/2002	11/08/2002	7.73%	8.36%	9.35%	8.07%
29/07/2002	04/08/2002	7.74%	8.51%	8.82%	8.25%
22/07/2002	28/07/2002	7.74%	8.42%	8.69%	8.22%
15/07/2002	21/07/2002	7.99%	8.46%	9.22%	8.40%
08/07/2002	14/07/2002	8.16%	8.47%	9.04%	8.62%
01/07/2002	07/07/2002	8.19%	8.59%	9.22%	8.72%
24/06/2002	30/06/2002	8.21%	8.86%	9.58%	9.58%
17/06/2002	23/06/2002	8.54%	8.92%	9.54%	8.98%
10/06/2002	16/06/2002	8.69%	9.12%	9.52%	9.33%
03/06/2002	09/06/2002	8.82%	9.05%	9.90%	9.31%
27/05/2002	02/06/2002	9.01%	9.33%	9.75%	9.24%
20/05/2002	26/05/2002	9.12%	9.46%	9.84%	9.53%
13/05/2002	19/05/2002	9.24%	9.64%	10.51%	9.65%
06/05/2002	12/05/2002	9.56%	9.97%	10.77%	10.01%
29/04/2002	05/05/2002	9.75%	10.28%	10.48%	10.35%
22/04/2002	28/04/2002	10.02%	10.49%	10.90%	10.75%
15/04/2002	21/04/2002	10.27%	10.71%	11.30%	10.82%
08/04/2002	14/04/2002	10.39%	10.98%	11.11%	10.91%
01/04/2002	07/04/2002	10.41%	11.05%	11.46%	10.85%
25/03/2002	31/03/2002	10.55%	11.06%	11.40%	11.10%
18/03/2002	24/03/2002	10.62%	11.02%	11.49%	11.28%
11/03/2002	17/03/2002	10.75%	11.19%	11.42%	11.52%
04/03/2002	10/03/2002	10.79%	11.39%	11.17%	11.35%
25/02/2002	03/03/2002	10.67%	11.15%	11.42%	11.22%
18/02/2002	24/02/2002	10.82%	11.23%	11.51%	11.12%
11/02/2002	17/02/2002	10.70%	11.52%	11.85%	10.97%
04/02/2002	10/02/2002	10.87%	11.58%	11.91%	11.51%
28/01/2002	03/02/2002	11.15%	11.66%	11.93%	11.76%
21/01/2002	27/01/2002	11.30%	11.62%	11.91%	11.85%
14/01/2002	20/01/2002	11.30%	11.90%	11.87%	11.89%
07/01/2002	13/01/2002	11.47%	11.85%	11.99%	12.12%
31/12/2001	06/01/2002	11.51%	11.86%	11.80%	12.19%
24/12/2001	30/12/2001	11.36%	12.07%	12.28%	12.06%
17/12/2001	23/12/2001	11.31%	11.96%	12.26%	11.92%

10/12/2001	16/12/2001	11.48%	12.00%	12.22%	12.39%
03/12/2001	09/12/2001	11.51%	11.97%	12.37%	12.36%
26/11/2001	02/12/2001	11.44%	11.91%	12.29%	11.95%
19/11/2001	25/11/2001	11.38%	12.01%	11.99%	11.75%
12/11/2001	18/11/2001	11.58%	11.99%	12.18%	11.98%
05/11/2001	11/11/2001	11.44%	12.01%	12.21%	11.70%
29/10/2001	04/11/2001	11.38%	12.08%	12.59%	11.85%
22/10/2001	28/10/2001	11.46%	12.24%	12.45%	12.06%
15/10/2001	21/10/2001	11.54%	12.09%	12.35%	12.21%
08/10/2001	14/10/2001	11.54%	12.47%	12.14%	12.12%
01/10/2001	07/10/2001	11.56%	12.14%	12.94%	12.51%
24/09/2001	30/09/2001	11.89%	12.56%	12.91%	12.49%
17/09/2001	23/09/2001	11.96%	12.48%	12.59%	12.49%
10/09/2001	16/09/2001	12.05%	12.82%	12.68%	12.96%
03/09/2001	09/09/2001	12.07%	12.74%	13.04%	12.84%
27/08/2001	02/09/2001	12.29%	12.79%	13.06%	13.03%
20/08/2001	26/08/2001	12.46%	12.92%	13.36%	12.77%
13/08/2001	19/08/2001	12.46%	12.93%	13.22%	12.84%
06/08/2001	12/08/2001	12.53%	13.01%	13.93%	13.04%
30/07/2001	05/08/2001	12.66%	13.01%	13.75%	13.10%
23/07/2001	29/07/2001	12.76%	13.04%	14.03%	13.39%
16/07/2001	22/07/2001	12.64%	12.98%	13.84%	13.49%
09/07/2001	15/07/2001	12.66%	13.00%	13.61%	13.07%
02/07/2001	08/07/2001	12.75%	12.94%	14.14%	13.08%
25/06/2001	01/07/2001	12.75%	13.09%	14.18%	13.19%
18/06/2001	24/06/2001	12.65%	13.16%	14.71%	13.09%
11/06/2001	17/06/2001	12.64%	13.24%	14.74%	13.03%
04/06/2001	10/06/2001	12.72%	13.20%	13.87%	13.21%
28/05/2001	03/06/2001	12.73%	13.21%	13.92%	13.71%
21/05/2001	27/05/2001	12.69%	12.97%	13.95%	12.96%
14/05/2001	20/05/2001	12.74%	12.97%	13.65%	12.98%
07/05/2001	13/05/2001	12.67%	13.04%	14.85%	13.18%
30/04/2001	06/05/2001	12.71%	12.88%	13.93%	13.15%
23/04/2001	29/04/2001	12.75%	13.20%	14.00%	13.33%
16/04/2001	22/04/2001	12.82%	13.38%	14.01%	13.35%
09/04/2001	15/04/2001	12.77%	13.68%	14.01%	13.53%
02/04/2001	08/04/2001	12.93%	13.47%	14.08%	14.05%
26/03/2001	01/04/2001	12.96%	13.39%	14.23%	13.45%
19/03/2001	25/03/2001	12.96%	13.81%	14.60%	13.55%
12/03/2001	18/03/2001	13.18%	13.77%	15.15%	13.70%
05/03/2001	11/03/2001	13.10%	13.66%	14.23%	13.55%
26/02/2001	04/03/2001	13.29%	13.71%	14.63%	13.75%
19/02/2001	25/02/2001	13.43%	13.60%	14.62%	13.64%
12/02/2001	18/02/2001	13.46%	13.89%	15.11%	13.77%
05/02/2001	11/02/2001	13.37%	13.83%	14.73%	13.54%
29/01/2001	04/02/2001	13.54%	13.91%	15.11%	13.88%
22/01/2001	28/01/2001	13.39%	13.77%	15.47%	13.82%
15/01/2001	21/01/2001	13.53%	13.50%	15.10%	13.93%
08/01/2001	14/01/2001	13.54%	13.95%	14.14%	14.42%
01/01/2001	07/01/2001	13.33%	13.83%	14.71%	13.88%
25/12/2000	31/12/2000	13.35%	14.30%	14.51%	13.80%
18/12/2000	24/12/2000	13.25%	14.21%	14.58%	13.50%
11/12/2000	17/12/2000	13.23%	13.99%	14.66%	13.93%
04/12/2000	10/12/2000	13.10%	13.67%	14.89%	13.54%
27/11/2000	03/12/2000	13.10%	13.65%	14.41%	13.51%
20/11/2000	26/11/2000	13.00%	13.76%	14.61%	13.42%
13/11/2000	19/11/2000	13.00%	13.39%	14.87%	13.22%
06/11/2000	12/11/2000	13.27%	13.36%	14.44%	13.41%
30/10/2000	05/11/2000	12.95%	13.42%	14.08%	13.33%
23/10/2000	29/10/2000	12.83%	13.63%	14.55%	13.30%

16/10/2000	22/10/2000	12.85%	13.60%	14.16%	13.27%
09/10/2000	15/10/2000	12.97%	13.54%	15.18%	13.59%
02/10/2000	08/10/2000	12.87%	13.37%	15.09%	13.42%
25/09/2000	01/10/2000	12.95%	13.30%	14.60%	13.52%
18/09/2000	24/09/2000	13.01%	13.30%	15.02%	13.51%
11/09/2000	17/09/2000	12.92%	13.32%	14.95%	12.96%
04/09/2000	10/09/2000	12.64%	12.96%	13.83%	13.00%
28/08/2000	03/09/2000	12.58%	13.02%	13.80%	13.36%
21/08/2000	27/08/2000	12.48%	13.23%	13.88%	12.81%
14/08/2000	20/08/2000	12.31%	13.16%	13.39%	12.95%
07/08/2000	13/08/2000	12.29%	12.91%	14.00%	12.75%
31/07/2000	06/08/2000	12.30%	13.02%	14.23%	12.84%
24/07/2000	30/07/2000	12.30%	12.87%	13.70%	12.65%
17/07/2000	23/07/2000	11.98%	12.62%	14.19%	12.71%
10/07/2000	16/07/2000	12.27%	12.80%	13.36%	12.53%
03/07/2000	09/07/2000	12.02%	12.63%	13.35%	12.18%
26/06/2000	02/07/2000	11.97%	12.66%	12.83%	12.34%
19/06/2000	25/06/2000	11.98%	12.65%	13.74%	12.22%
12/06/2000	18/06/2000	11.99%	12.71%	13.05%	12.18%
05/06/2000	11/06/2000	11.81%	12.73%	12.51%	12.14%
29/05/2000	04/06/2000	11.82%	12.69%	12.81%	12.57%
22/05/2000	28/05/2000	11.74%	12.63%	13.02%	12.04%
15/05/2000	21/05/2000	11.67%	12.44%	12.66%	12.26%
08/05/2000	14/05/2000	11.58%	12.32%	12.21%	12.08%
01/05/2000	07/05/2000	11.53%	12.47%	13.06%	11.91%
24/04/2000	30/04/2000	11.47%	12.47%	12.28%	11.77%
17/04/2000	23/04/2000	11.28%	12.43%	12.52%	11.73%
10/04/2000	16/04/2000	11.30%	12.38%	12.50%	11.70%
03/04/2000	09/04/2000	11.29%	12.67%	12.93%	11.61%
27/03/2000	02/04/2000	10.98%	11.92%	12.84%	11.62%
20/03/2000	26/03/2000	10.86%	12.04%	11.97%	11.24%
13/03/2000	19/03/2000	10.78%	12.16%	12.36%	11.50%
06/03/2000	12/03/2000	10.43%	11.34%	12.13%	10.98%
28/02/2000	05/03/2000	10.37%	11.19%	12.24%	10.64%
21/02/2000	27/02/2000	10.03%	11.93%	10.94%	10.77%
14/02/2000	20/02/2000	10.00%	11.16%	11.53%	10.78%
07/02/2000	13/02/2000	10.59%	11.66%	12.05%	11.38%
31/01/2000	06/02/2000	10.92%	12.21%	12.91%	11.39%
24/01/2000	30/01/2000	12.15%	13.03%	14.09%	12.88%
17/01/2000	23/01/2000	13.51%	14.35%	15.45%	14.52%
10/01/2000	16/01/2000	14.60%	15.44%	16.03%	15.62%
03/01/2000	09/01/2000	15.39%	16.19%	16.52%	15.70%
27/12/1999	02/01/2000	15.75%	16.81%	17.03%	16.83%
20/12/1999	26/12/1999	16.05%	17.04%	18.53%	16.76%
13/12/1999	19/12/1999	16.71%	18.14%	18.43%	17.17%
06/12/1999	12/12/1999	17.07%	18.33%	18.78%	17.90%
29/11/1999	05/12/1999	17.47%	18.37%	19.26%	17.68%
22/11/1999	28/11/1999	17.94%	18.34%	19.12%	18.18%
15/11/1999	21/11/1999	18.23%	19.11%	20.20%	18.75%
08/11/1999	14/11/1999	18.24%	19.19%	20.67%	18.71%
01/11/1999	07/11/1999	18.10%	19.40%	20.69%	18.63%
25/10/1999	31/10/1999	18.23%	19.94%	21.28%	18.60%
18/10/1999	24/10/1999	18.12%	19.89%	20.44%	18.48%
11/10/1999	17/10/1999	18.25%	19.38%	19.06%	18.22%
04/10/1999	10/10/1999	18.03%	19.82%	18.47%	18.22%
27/09/1999	03/10/1999	17.95%	19.96%	20.33%	17.58%
20/09/1999	26/09/1999	18.08%	19.18%	20.67%	17.92%
13/09/1999	19/09/1999	18.03%	19.66%	21.08%	18.04%
06/09/1999	12/09/1999	18.22%	19.49%	19.71%	17.98%
30/08/1999	05/09/1999	18.39%	19.95%	20.06%	18.08%

23/08/1999	29/08/1999	18.67%	19.89%	20.34%	19.00%
16/08/1999	22/08/1999	19.13%	19.98%	20.66%	19.47%
09/08/1999	15/08/1999	19.25%	19.96%	20.58%	20.05%
02/08/1999	08/08/1999	19.56%	20.13%	20.48%	19.61%
26/07/1999	01/08/1999	19.19%	19.77%	20.59%	18.99%
19/07/1999	25/07/1999	19.11%	19.49%	20.02%	18.75%
12/07/1999	18/07/1999	18.59%	19.82%	19.31%	18.74%
05/07/1999	11/07/1999	18.21%	18.65%	19.13%	18.52%
28/06/1999	04/07/1999	17.79%	18.42%	20.04%	18.08%
21/06/1999	27/06/1999	17.74%	18.30%	19.06%	17.95%
14/06/1999	20/06/1999	17.90%	18.91%	19.88%	17.95%
07/06/1999	13/06/1999	17.80%	18.95%	19.80%	17.79%
31/05/1999	06/06/1999	18.12%	19.43%	19.57%	17.82%
24/05/1999	30/05/1999	18.35%	19.70%	20.06%	18.26%
17/05/1999	23/05/1999	19.22%	20.31%	20.92%	19.04%
10/05/1999	16/05/1999	20.10%	21.61%	20.07%	20.37%
03/05/1999	09/05/1999	21.13%	22.74%	22.34%	20.42%
26/04/1999	02/05/1999	21.89%	23.16%	23.49%	21.84%
19/04/1999	25/04/1999	22.52%	24.36%	24.52%	22.24%
12/04/1999	18/04/1999	23.10%	24.82%	24.55%	23.25%
05/04/1999	11/04/1999	24.06%	25.55%	25.57%	23.76%
29/03/1999	04/04/1999	24.83%	25.54%	25.56%	24.21%
22/03/1999	28/03/1999	24.90%	25.79%	26.44%	24.59%
15/03/1999	21/03/1999	25.17%	26.98%	27.21%	25.32%
08/03/1999	14/03/1999	27.04%	27.94%	29.18%	26.23%
01/03/1999	07/03/1999	28.81%	29.98%	29.68%	27.79%
22/02/1999	28/02/1999	30.14%	31.16%	30.00%	29.40%
15/02/1999	21/02/1999	30.98%	31.60%	30.72%	30.90%
08/02/1999	14/02/1999	31.96%	32.08%	31.81%	31.66%
01/02/1999	07/02/1999	32.61%	33.04%	32.20%	32.26%
25/01/1999	31/01/1999	33.22%	32.67%	31.98%	32.32%
18/01/1999	24/01/1999	33.50%	32.73%	32.16%	32.46%
11/01/1999	17/01/1999	33.77%	33.54%	33.37%	33.12%
04/01/1999	10/01/1999	34.06%	32.80%	34.20%	32.80%
28/12/1998	03/01/1999	34.33%	35.34%	34.79%	34.30%
21/12/1998	27/12/1998	35.56%	36.19%	35.58%	35.87%
14/12/1998	20/12/1998	35.96%	36.23%	33.67%	36.25%
07/12/1998	13/12/1998	36.14%	36.87%	36.48%	36.17%
30/11/1998	06/12/1998	36.30%	37.21%	36.56%	36.40%
23/11/1998	29/11/1998	36.56%	37.00%	32.88%	36.95%
16/11/1998	22/11/1998	36.20%	35.95%	32.82%	36.98%
09/11/1998	15/11/1998	37.17%	37.99%	34.18%	36.88%
02/11/1998	08/11/1998	37.09%	36.41%	33.95%	36.36%
26/10/1998	01/11/1998	36.19%	37.44%	33.55%	36.70%
19/10/1998	25/10/1998	36.76%	36.82%	34.06%	36.67%
12/10/1998	18/10/1998	35.78%	36.23%	35.12%	35.89%
05/10/1998	11/10/1998	35.13%	35.98%	34.14%	35.59%
28/09/1998	04/10/1998	35.98%	37.65%	34.72%	35.90%
21/09/1998	27/09/1998	36.93%	36.49%	33.51%	36.85%
14/09/1998	20/09/1998	34.67%	34.38%	33.12%	34.47%
07/09/1998	13/09/1998	33.69%	34.28%	33.03%	32.97%
31/08/1998	06/09/1998	33.64%	33.52%	34.29%	32.97%
24/08/1998	30/08/1998	33.91%	34.54%	35.38%	33.62%
17/08/1998	23/08/1998	34.33%	34.35%	33.48%	34.60%
10/08/1998	16/08/1998	35.14%	34.55%	33.59%	34.94%
03/08/1998	09/08/1998	35.65%	35.52%	34.75%	35.64%
27/07/1998	02/08/1998	36.11%	36.12%	35.66%	36.97%
20/07/1998	26/07/1998	36.92%	36.34%	36.69%	37.14%
13/07/1998	19/07/1998	37.00%	34.91%	35.94%	36.45%
06/07/1998	12/07/1998	36.53%	33.64%	34.91%	36.73%

29/06/1998	05/07/1998	37.57%	35.17%	33.90%	37.66%
22/06/1998	28/06/1998	37.31%	34.37%	34.94%	37.46%
15/06/1998	21/06/1998	36.68%	34.79%	33.09%	36.85%
08/06/1998	14/06/1998	33.78%	31.66%	31.59%	32.88%
01/06/1998	07/06/1998	31.62%	31.85%	30.84%	30.73%
25/05/1998	31/05/1998	31.93%	31.47%	30.91%	31.63%
18/05/1998	24/05/1998	31.35%	30.54%	32.84%	31.23%
11/05/1998	17/05/1998	31.73%	31.57%	32.37%	30.15%
04/05/1998	10/05/1998	31.03%	30.79%	31.53%	30.03%
27/04/1998	03/05/1998	31.12%	30.16%	29.79%	29.90%
20/04/1998	26/04/1998	30.88%	30.08%	29.22%	30.64%
13/04/1998	19/04/1998	29.13%	29.30%	28.67%	29.45%
06/04/1998	12/04/1998	29.39%	28.94%	28.97%	28.13%
30/03/1998	05/04/1998	28.81%	28.60%	28.12%	27.91%
23/03/1998	29/03/1998	28.30%	28.12%	27.93%	27.72%
16/03/1998	22/03/1998	27.76%	26.92%	27.80%	27.22%
09/03/1998	15/03/1998	27.06%	27.59%	27.35%	25.29%
02/03/1998	08/03/1998	25.45%	26.20%	25.59%	24.01%
23/02/1998	01/03/1998	25.22%	25.38%	25.46%	24.33%
16/02/1998	22/02/1998	24.79%	25.49%	24.95%	24.44%
09/02/1998	15/02/1998	24.58%	25.02%	24.80%	23.61%
02/02/1998	08/02/1998	24.66%	25.09%	25.52%	23.82%
26/01/1998	01/02/1998	24.57%	25.07%	25.45%	24.06%
19/01/1998	25/01/1998	24.73%	24.93%	24.61%	24.36%
12/01/1998	18/01/1998	24.35%	24.84%	25.47%	24.08%
05/01/1998	11/01/1998	24.32%	25.01%	25.09%	24.05%
29/12/1997	04/01/1998	24.28%	24.93%	25.47%	24.29%
22/12/1997	28/12/1997	24.39%	24.95%	25.66%	24.19%
15/12/1997	21/12/1997	24.46%	24.87%	25.51%	24.15%
08/12/1997	14/12/1997	24.12%	24.56%	25.30%	23.85%
01/12/1997	07/12/1997	24.09%	24.62%	25.29%	23.64%
24/11/1997	30/11/1997	24.01%	24.38%	25.45%	23.42%
17/11/1997	23/11/1997	23.93%	24.17%	24.72%	23.48%
10/11/1997	16/11/1997	24.02%	24.20%	24.18%	23.26%
03/11/1997	09/11/1997	23.54%	24.08%	24.06%	22.99%
27/10/1997	02/11/1997	23.35%	23.80%	23.88%	23.04%
20/10/1997	26/10/1997	22.95%	23.79%	24.25%	22.63%
13/10/1997	19/10/1997	22.90%	23.62%	23.74%	22.65%
06/10/1997	12/10/1997	22.87%	23.62%	23.85%	22.72%
29/09/1997	05/10/1997	22.87%	23.72%	23.74%	22.75%
22/09/1997	28/09/1997	22.83%	23.63%	24.15%	22.84%
15/09/1997	21/09/1997	22.84%	23.73%	23.93%	22.77%
08/09/1997	14/09/1997	22.94%	23.59%	25.12%	22.83%
01/09/1997	07/09/1997	23.07%	23.45%	25.13%	22.50%
25/08/1997	31/08/1997	23.01%	23.46%	24.03%	22.66%
18/08/1997	24/08/1997	22.89%	23.43%	24.00%	22.18%
11/08/1997	17/08/1997	22.97%	23.48%	24.22%	22.21%
04/08/1997	10/08/1997	22.96%	23.52%	23.87%	22.19%
28/07/1997	03/08/1997	23.08%	23.78%	24.72%	22.19%
21/07/1997	27/07/1997	23.21%	23.74%	24.54%	22.59%
14/07/1997	20/07/1997	23.36%	23.61%	24.81%	22.45%
07/07/1997	13/07/1997	23.30%	23.74%	24.52%	22.20%
30/06/1997	06/07/1997	23.21%	23.85%	24.38%	22.61%
23/06/1997	29/06/1997	23.10%	23.91%	24.18%	22.35%
16/06/1997	22/06/1997	23.31%	23.84%	24.24%	22.63%
09/06/1997	15/06/1997	23.27%	23.79%	24.50%	22.81%
02/06/1997	08/06/1997	23.28%	24.16%	23.66%	22.82%
26/05/1997	01/06/1997	23.45%	23.96%	24.80%	23.07%
19/05/1997	25/05/1997	23.60%	24.09%	25.17%	23.30%
12/05/1997	18/05/1997	24.03%	24.73%	24.92%	23.80%

05/05/1997	11/05/1997	24.33%	25.13%	25.40%	24.01%
28/04/1997	04/05/1997	24.51%	25.42%	25.17%	24.24%
21/04/1997	27/04/1997	24.68%	25.50%	25.62%	24.47%
14/04/1997	20/04/1997	24.94%	25.53%	27.42%	24.90%
07/04/1997	13/04/1997	25.21%	25.81%	25.60%	24.97%
31/03/1997	06/04/1997	25.10%	25.71%	25.78%	25.02%
24/03/1997	30/03/1997	25.44%	25.99%	26.36%	25.18%
17/03/1997	23/03/1997	25.53%	26.20%	25.62%	25.15%
10/03/1997	16/03/1997	25.66%	26.21%	27.19%	25.25%
03/03/1997	09/03/1997	25.48%	26.21%	26.92%	25.16%
24/02/1997	02/03/1997	25.25%	26.05%	26.91%	24.98%
17/02/1997	23/02/1997	25.42%	26.16%	26.75%	25.07%
10/02/1997	16/02/1997	25.53%	26.20%	26.33%	25.23%
03/02/1997	09/02/1997	25.78%	26.70%	26.94%	25.50%
27/01/1997	02/02/1997	26.13%	27.32%	29.77%	25.84%
20/01/1997	26/01/1997	26.92%	27.76%	28.33%	26.39%
13/01/1997	19/01/1997	27.22%	28.54%	29.07%	26.73%
06/01/1997	12/01/1997	27.52%	27.98%	29.09%	27.89%
30/12/1996	05/01/1997	27.88%	29.31%	30.04%	27.82%
23/12/1996	29/12/1996	27.99%	29.38%	30.24%	27.97%
16/12/1996	22/12/1996	28.17%	29.68%	30.40%	28.07%
09/12/1996	15/12/1996	28.35%	29.88%	30.33%	28.21%
02/12/1996	08/12/1996	28.60%	30.23%	31.23%	28.29%
25/11/1996	01/12/1996	28.46%	30.28%	31.14%	27.92%
18/11/1996	24/11/1996	28.56%	29.85%	30.94%	28.07%
11/11/1996	17/11/1996	28.55%	30.33%	31.08%	27.93%
04/11/1996	10/11/1996	28.61%	30.00%	32.05%	28.27%
28/10/1996	03/11/1996	28.57%	30.35%	32.06%	27.89%
21/10/1996	27/10/1996	28.79%	30.41%	30.36%	28.06%
14/10/1996	20/10/1996	28.96%	30.49%	30.16%	27.71%
07/10/1996	13/10/1996	28.63%	30.64%	30.60%	27.76%
30/09/1996	06/10/1996	28.02%	30.64%	31.93%	27.80%
23/09/1996	29/09/1996	28.36%	31.07%	31.21%	28.31%
16/09/1996	22/09/1996	28.30%	31.32%	31.32%	28.53%
09/09/1996	15/09/1996	28.98%	31.60%	31.47%	28.88%
02/09/1996	08/09/1996	29.41%	31.65%	31.47%	29.71%
26/08/1996	01/09/1996	29.59%	31.58%	32.51%	30.23%
19/08/1996	25/08/1996	30.80%	32.08%	31.91%	31.06%
12/08/1996	18/08/1996	31.74%	32.33%	32.08%	31.67%
05/08/1996	11/08/1996	32.19%	32.50%	32.81%	31.79%
29/07/1996	04/08/1996	32.50%	32.46%	32.98%	32.13%
22/07/1996	28/07/1996	32.48%	32.31%	32.51%	32.07%
15/07/1996	21/07/1996	32.48%	32.16%	32.47%	32.01%
08/07/1996	14/07/1996	32.39%	33.19%	32.62%	31.97%
01/07/1996	07/07/1996	32.71%	32.31%	33.09%	32.02%
24/06/1996	30/06/1996	32.35%	31.24%	31.25%	31.65%
17/06/1996	23/06/1996	32.00%	32.59%	32.77%	31.36%
10/06/1996	16/06/1996	31.39%	31.74%	32.99%	30.89%
03/06/1996	09/06/1996	31.09%	31.83%	32.39%	31.09%
27/05/1996	02/06/1996	31.53%	32.31%	32.60%	31.61%
20/05/1996	26/05/1996	32.03%	32.87%	32.71%	32.15%
13/05/1996	19/05/1996	32.63%	33.48%	33.59%	32.65%
06/05/1996	12/05/1996	33.18%	33.79%	34.19%	33.10%
29/04/1996	05/05/1996	33.50%	34.01%	34.78%	33.21%
22/04/1996	28/04/1996	33.67%	34.22%	34.35%	33.41%
15/04/1996	21/04/1996	33.68%	34.12%	34.08%	33.53%
08/04/1996	14/04/1996	33.74%	33.43%	33.40%	33.78%
01/04/1996	07/04/1996	33.57%	33.93%	33.19%	33.60%
25/03/1996	31/03/1996	33.48%	33.82%	34.03%	33.64%
18/03/1996	24/03/1996	33.64%	34.17%	34.14%	33.47%

11/03/1996	17/03/1996	33.19%	33.29%	33.64%	33.18%
04/03/1996	10/03/1996	32.95%	33.49%	31.15%	32.85%
26/02/1996	03/03/1996	33.34%	34.08%	33.50%	33.19%
19/02/1996	25/02/1996	32.99%	34.13%	33.66%	33.00%
12/02/1996	18/02/1996	33.07%	34.22%	34.24%	32.22%
05/02/1996	11/02/1996	31.80%	32.52%	31.50%	31.81%
29/01/1996	04/02/1996	31.90%	32.56%	32.72%	31.83%
22/01/1996	28/01/1996	32.27%	32.99%	33.01%	32.19%
15/01/1996	21/01/1996	33.22%	32.75%	32.09%	32.59%
08/01/1996	14/01/1996	33.49%	33.27%	33.92%	32.52%
01/01/1996	07/01/1996	33.50%	33.68%	33.11%	32.81%
25/12/1995	31/12/1995	33.13%	33.39%	34.01%	32.93%
18/12/1995	24/12/1995	34.43%	35.37%	35.33%	34.06%
11/12/1995	17/12/1995	32.13%	33.36%	34.00%	31.72%
04/12/1995	10/12/1995	30.12%	31.50%	31.31%	29.88%
27/11/1995	03/12/1995	29.80%	31.57%	31.61%	29.64%
20/11/1995	26/11/1995	29.39%	31.29%	32.26%	29.42%
13/11/1995	19/11/1995	29.35%	30.91%	30.58%	29.56%
06/11/1995	12/11/1995	29.22%	30.77%	32.16%	29.54%
30/10/1995	05/11/1995	29.12%	30.89%	32.10%	29.61%
23/10/1995	29/10/1995	28.98%	30.78%	30.65%	29.80%
16/10/1995	22/10/1995	29.47%	31.53%	32.39%	29.81%
09/10/1995	15/10/1995	30.13%	31.63%	32.93%	30.23%
02/10/1995	08/10/1995	29.65%	32.72%	32.90%	30.03%
25/09/1995	01/10/1995	29.96%	32.82%	33.24%	30.13%
18/09/1995	24/09/1995	30.43%	31.82%	32.19%	30.53%
11/09/1995	17/09/1995	30.09%	31.28%	31.06%	30.11%
04/09/1995	10/09/1995	28.92%	30.31%	29.65%	29.21%
28/08/1995	03/09/1995	28.68%	29.79%	29.62%	29.17%
21/08/1995	27/08/1995	29.01%	30.61%	30.84%	29.60%
14/08/1995	20/08/1995	29.34%	30.23%	29.50%	29.53%
07/08/1995	13/08/1995	29.63%	29.96%	29.30%	29.81%
31/07/1995	06/08/1995	29.78%	29.90%	30.16%	29.96%
24/07/1995	30/07/1995	30.30%	30.16%	29.88%	30.55%
17/07/1995	23/07/1995	30.20%	30.61%	31.28%	30.59%
10/07/1995	16/07/1995	30.59%	30.49%	31.86%	30.80%
03/07/1995	09/07/1995	31.95%	32.49%	32.41%	31.83%
26/06/1995	02/07/1995	34.23%	34.82%	34.95%	34.09%
19/06/1995	25/06/1995	34.58%	35.00%	35.27%	34.85%
12/06/1995	18/06/1995	34.81%	35.16%	35.60%	34.95%
05/06/1995	11/06/1995	34.55%	35.44%	34.19%	35.05%
29/05/1995	04/06/1995	34.75%	34.21%	35.77%	34.92%
22/05/1995	28/05/1995	34.76%	35.15%	33.44%	34.76%
15/05/1995	21/05/1995	34.97%	35.48%	32.85%	35.68%
08/05/1995	14/05/1995	35.95%	35.65%	33.15%	36.20%
01/05/1995	07/05/1995	36.25%	36.05%	32.86%	36.16%
24/04/1995	30/04/1995	35.55%	35.19%	33.33%	36.40%
17/04/1995	23/04/1995	34.47%	33.94%	32.41%	34.31%
10/04/1995	16/04/1995	34.26%	34.51%	34.01%	34.43%
03/04/1995	09/04/1995	34.80%	34.82%	34.93%	35.03%
27/03/1995	02/04/1995	35.38%	35.23%	34.87%	35.67%
20/03/1995	26/03/1995	36.25%	35.87%	35.68%	35.67%
13/03/1995	19/03/1995	35.40%	35.16%	32.68%	35.52%
06/03/1995	12/03/1995	35.24%	35.37%	34.38%	35.25%
27/02/1995	05/03/1995	35.34%	35.07%	36.61%	35.24%
20/02/1995	26/02/1995	33.76%	33.96%	34.56%	34.61%
13/02/1995	19/02/1995	32.53%	33.28%	30.74%	33.39%
06/02/1995	12/02/1995	31.88%	32.55%	32.53%	32.69%
30/01/1995	05/02/1995	31.92%	32.36%	32.58%	32.50%
23/01/1995	29/01/1995	32.39%	33.06%	32.31%	32.74%

16/01/1995	22/01/1995	33.03%	34.03%	31.03%	34.43%
09/01/1995	15/01/1995	36.94%	35.85%	31.24%	38.08%
02/01/1995	08/01/1995	38.06%	40.00%	35.78%	38.69%
26/12/1994	01/01/1995	38.66%	40.25%	36.34%	39.25%
19/12/1994	25/12/1994	37.77%	38.94%	36.46%	37.73%
12/12/1994	18/12/1994	35.99%	38.03%	35.77%	37.55%
05/12/1994	11/12/1994	37.32%	37.48%	36.98%	37.76%
28/11/1994	04/12/1994	35.62%	37.86%	36.61%	37.09%
21/11/1994	27/11/1994	34.78%	35.95%	36.45%	35.52%
14/11/1994	20/11/1994	34.56%	36.85%	37.08%	35.47%
07/11/1994	13/11/1994	33.90%	35.64%	36.65%	34.80%
31/10/1994	06/11/1994	32.40%	32.97%	35.57%	33.01%
24/10/1994	30/10/1994	32.62%	32.07%	35.48%	32.59%
17/10/1994	23/10/1994	31.03%	32.54%	32.75%	31.71%
10/10/1994	16/10/1994	30.55%	31.91%	32.00%	30.95%
03/10/1994	09/10/1994	30.97%	31.20%	31.52%	31.31%
26/09/1994	02/10/1994	30.69%	31.40%	30.56%	31.20%
19/09/1994	25/09/1994	31.13%	31.38%	33.82%	31.39%
12/09/1994	18/09/1994	31.10%	31.41%	32.20%	31.88%
05/09/1994	11/09/1994	31.78%	31.39%	31.73%	32.11%
29/08/1994	04/09/1994	31.13%	30.57%	33.06%	32.40%
22/08/1994	28/08/1994	29.98%	29.95%	31.93%	31.35%
15/08/1994	21/08/1994	29.32%	28.73%	31.60%	29.59%
08/08/1994	14/08/1994	28.84%	29.21%	28.98%	28.62%
01/08/1994	07/08/1994	28.48%	28.34%	29.79%	28.55%
25/07/1994	31/07/1994	29.22%	29.18%	28.76%	28.86%
18/07/1994	24/07/1994	29.92%	28.84%	32.52%	29.63%
11/07/1994	17/07/1994	30.83%	29.44%	32.18%	30.97%
04/07/1994	10/07/1994	29.02%	29.02%	32.25%	29.18%
27/06/1994	03/07/1994	27.74%	27.97%	29.30%	27.26%
20/06/1994	26/06/1994	26.59%	26.78%	27.59%	26.78%
13/06/1994	19/06/1994	26.17%	26.50%	27.91%	26.29%
06/06/1994	12/06/1994	25.65%	26.47%	27.51%	26.08%
30/05/1994	05/06/1994	26.22%	26.43%	27.47%	26.25%
23/05/1994	29/05/1994	26.45%	26.65%	27.50%	26.16%
16/05/1994	22/05/1994	26.28%	26.55%	27.33%	26.11%
09/05/1994	15/05/1994	25.45%	25.94%	26.94%	25.70%
02/05/1994	08/05/1994	25.20%	25.74%	26.49%	25.32%
25/04/1994	01/05/1994	25.29%	25.43%	25.96%	25.19%
18/04/1994	24/04/1994	25.33%	25.88%	26.05%	25.32%
11/04/1994	17/04/1994	25.10%	25.48%	26.80%	24.84%
04/04/1994	10/04/1994	25.25%	25.62%	26.46%	25.08%
28/03/1994	03/04/1994	25.37%	26.02%	26.68%	25.15%
21/03/1994	27/03/1994	25.48%	26.03%	26.83%	25.34%
14/03/1994	20/03/1994	25.40%	25.96%	26.21%	25.28%
07/03/1994	13/03/1994	25.32%	25.96%	26.89%	25.28%
28/02/1994	06/03/1994	25.23%	25.92%	26.84%	25.13%
21/02/1994	27/02/1994	25.25%	25.97%	26.86%	25.18%
14/02/1994	20/02/1994	25.22%	25.86%	26.29%	25.17%
07/02/1994	13/02/1994	25.26%	26.14%	26.43%	25.32%
31/01/1994	06/02/1994	25.37%	26.16%	26.87%	25.21%
24/01/1994	30/01/1994	25.76%	26.64%	26.85%	25.72%
17/01/1994	23/01/1994	26.68%	27.12%	27.47%	26.74%
10/01/1994	16/01/1994	27.16%	27.24%	25.77%	27.19%
03/01/1994	09/01/1994	26.90%	27.11%	28.63%	27.33%
27/12/1993	02/01/1994	26.67%	27.70%	27.67%	26.52%
20/12/1993	26/12/1993	25.88%	26.66%	27.19%	26.06%
13/12/1993	19/12/1993	25.63%	26.49%	27.38%	25.77%
06/12/1993	12/12/1993	25.59%	26.17%	26.80%	25.77%
29/11/1993	05/12/1993	25.69%	26.18%	27.10%	25.73%

22/11/1993	28/11/1993	25.33%	26.41%	27.34%	25.66%
15/11/1993	21/11/1993	25.27%	25.98%	26.50%	25.27%
08/11/1993	14/11/1993	24.97%	25.78%	26.60%	25.13%
01/11/1993	07/11/1993	25.01%	25.36%	26.27%	25.13%
25/10/1993	31/10/1993	25.09%	25.38%	26.25%	25.17%
18/10/1993	24/10/1993	24.55%	25.29%	26.31%	24.80%
11/10/1993	17/10/1993	24.63%	25.28%	26.50%	24.48%
04/10/1993	10/10/1993	24.48%	25.00%	26.09%	24.18%
27/09/1993	03/10/1993	24.32%	24.84%	25.41%	24.03%
20/09/1993	26/09/1993	24.25%	24.92%	26.19%	24.03%
13/09/1993	19/09/1993	24.27%	25.11%	25.62%	24.06%
06/09/1993	12/09/1993	24.28%	24.86%	25.53%	24.12%
30/08/1993	05/09/1993	24.34%	25.04%	25.18%	24.31%
23/08/1993	29/08/1993	24.53%	25.15%	25.88%	24.78%
16/08/1993	22/08/1993	24.60%	25.23%	26.43%	24.63%
09/08/1993	15/08/1993	24.22%	25.61%	26.49%	25.23%
02/08/1993	08/08/1993	25.37%	26.29%	26.54%	25.49%
26/07/1993	01/08/1993	25.95%	26.18%	27.34%	26.29%
19/07/1993	25/07/1993	25.77%	26.45%	27.18%	26.10%
12/07/1993	18/07/1993	25.99%	26.49%	26.80%	26.46%
05/07/1993	11/07/1993	26.41%			26.23%
28/06/1993	04/07/1993	26.47%			26.33%
21/06/1993	27/06/1993	26.74%			26.52%
14/06/1993	20/06/1993	26.58%			26.05%
07/06/1993	13/06/1993	26.21%			25.87%
31/05/1993	06/06/1993	26.14%			25.85%
24/05/1993	30/05/1993	26.42%			26.10%
17/05/1993	23/05/1993	26.45%			26.17%
10/05/1993	16/05/1993	26.39%			26.12%
03/05/1993	09/05/1993	26.58%			25.98%
26/04/1993	02/05/1993	26.96%			27.08%
19/04/1993	25/04/1993	26.82%			26.31%
12/04/1993	18/04/1993	26.90%			26.78%
05/04/1993	11/04/1993	27.04%			26.29%
29/03/1993	04/04/1993	26.90%			26.02%
22/03/1993	28/03/1993	26.84%			26.27%
15/03/1993	21/03/1993	26.58%			26.07%
08/03/1993	14/03/1993	26.49%			25.90%
01/03/1993	07/03/1993	26.45%			25.82%
22/02/1993	28/02/1993	26.29%			25.86%
15/02/1993	21/02/1993	25.85%			25.43%
08/02/1993	14/02/1993	25.74%			25.65%
01/02/1993	07/02/1993	25.95%			25.75%
25/01/1993	31/01/1993	26.18%			25.91%
18/01/1993	24/01/1993	26.86%			27.00%
11/01/1993	17/01/1993	27.54%			27.92%
04/01/1993	10/01/1993	27.67%			27.85%
28/12/1992	03/01/1993	27.67%			27.66%
21/12/1992	27/12/1992	27.12%			27.23%
14/12/1992	20/12/1992	27.04%			27.19%
07/12/1992	13/12/1992	26.97%			27.08%
30/11/1992	06/12/1992	26.73%			26.97%
23/11/1992	29/11/1992	26.92%			27.19%
16/11/1992	22/11/1992	26.94%			27.46%
09/11/1992	15/11/1992	27.24%			27.65%
02/11/1992	08/11/1992	27.36%			27.61%
26/10/1992	01/11/1992	28.14%			28.04%
19/10/1992	25/10/1992	27.73%			27.67%
12/10/1992	18/10/1992	27.20%			27.34%
05/10/1992	11/10/1992	27.40%			27.47%

28/09/1992	04/10/1992	27.16%		27.54%
21/09/1992	27/09/1992	27.09%		27.19%
14/09/1992	20/09/1992	27.67%		27.32%
07/09/1992	13/09/1992	27.36%		27.13%
31/08/1992	06/09/1992	26.03%		26.49%
24/08/1992	30/08/1992	24.32%		24.59%
17/08/1992	23/08/1992	23.07%		22.34%
10/08/1992	16/08/1992	22.31%		22.09%
03/08/1992	09/08/1992	21.98%		21.71%
27/07/1992	02/08/1992	21.52%		21.16%
20/07/1992	26/07/1992	21.83%		21.72%
13/07/1992	19/07/1992	21.85%		21.99%
06/07/1992	12/07/1992	22.25%		22.37%
29/06/1992	05/07/1992	22.64%		22.68%
22/06/1992	28/06/1992	23.05%		23.28%
15/06/1992	21/06/1992	23.03%		23.54%
08/06/1992	14/06/1992	23.50%		24.31%
01/06/1992	07/06/1992	23.94%		24.88%
25/05/1992	31/05/1992	24.18%		25.54%
18/05/1992	24/05/1992	25.10%		26.18%
11/05/1992	17/05/1992	25.93%		26.72%
04/05/1992	10/05/1992	26.65%		26.81%
27/04/1992	03/05/1992	26.30%		27.28%
20/04/1992	26/04/1992	27.12%		27.77%
13/04/1992	19/04/1992	27.69%		28.11%
06/04/1992	12/04/1992	27.92%		28.36%
30/03/1992	05/04/1992	28.40%		28.55%
23/03/1992	29/03/1992	28.19%		28.49%
16/03/1992	22/03/1992	28.56%		28.67%
09/03/1992	15/03/1992	28.86%		28.99%
02/03/1992	08/03/1992	28.90%		29.45%
24/02/1992	01/03/1992	28.25%		28.67%
17/02/1992	23/02/1992	28.75%		30.10%
10/02/1992	16/02/1992	29.90%		30.79%
03/02/1992	09/02/1992	31.25%		33.18%
27/01/1992	02/02/1992	34.27%		34.87%
20/01/1992	26/01/1992	35.98%		36.82%
13/01/1992	19/01/1992	36.56%		37.14%
06/01/1992	12/01/1992	36.58%		37.32%
30/12/1991	05/01/1992	36.99%		37.57%
23/12/1991	29/12/1991	37.86%		38.44%
16/12/1991	22/12/1991	38.07%		38.82%
09/12/1991	15/12/1991	38.23%		38.80%
02/12/1991	08/12/1991	37.93%		38.89%
25/11/1991	01/12/1991	37.63%		38.76%
18/11/1991	24/11/1991	37.87%		39.06%
11/11/1991	17/11/1991	38.02%		39.01%
04/11/1991	10/11/1991	37.87%		38.98%
28/10/1991	03/11/1991	38.16%		39.44%
21/10/1991	27/10/1991	38.29%		39.06%
14/10/1991	20/10/1991	38.92%		40.11%
07/10/1991	13/10/1991	39.60%		40.46%
30/09/1991	06/10/1991	39.12%		40.59%
23/09/1991	29/09/1991	39.42%		40.24%
16/09/1991	22/09/1991	39.16%		40.23%
09/09/1991	15/09/1991	38.43%		40.29%
02/09/1991	08/09/1991	38.10%		40.26%
26/08/1991	01/09/1991	37.96%		39.24%
19/08/1991	25/08/1991	37.89%		40.00%
12/08/1991	18/08/1991	37.96%		40.00%

05/08/1991	11/08/1991	37.25%			40.66%
29/07/1991	04/08/1991	37.51%			39.94%
22/07/1991	28/07/1991	37.28%			40.23%
15/07/1991	21/07/1991	37.56%			40.41%
08/07/1991	14/07/1991	37.05%			39.39%
01/07/1991	07/07/1991	36.55%			38.79%
24/06/1991	30/06/1991	35.11%			37.81%
17/06/1991	23/06/1991	35.61%			37.59%
10/06/1991	16/06/1991	35.81%			37.51%
03/06/1991	09/06/1991	36.89%			37.42%
27/05/1991	02/06/1991	36.96%			38.38%
20/05/1991	26/05/1991	37.66%			39.07%
13/05/1991	19/05/1991	38.29%			39.44%
06/05/1991	12/05/1991	38.16%			40.50%
29/04/1991	05/05/1991	37.98%			41.18%
22/04/1991	28/04/1991	37.66%			40.82%
15/04/1991	21/04/1991	37.07%			41.12%
08/04/1991	14/04/1991	37.86%			39.41%
01/04/1991	07/04/1991	37.05%			39.85%
25/03/1991	31/03/1991	35.79%			39.24%
18/03/1991	24/03/1991	34.94%			37.72%
11/03/1991	17/03/1991	34.50%			37.07%
04/03/1991	10/03/1991	35.11%			36.67%
25/02/1991	03/03/1991	35.03%			36.61%
18/02/1991	24/02/1991	35.22%			36.48%
11/02/1991	17/02/1991	33.42%			36.61%
04/02/1991	10/02/1991	33.85%			36.51%
28/01/1991	03/02/1991	37.14%			35.92%
21/01/1991	27/01/1991	38.58%			40.70%
14/01/1991	20/01/1991	38.64%			43.02%
07/01/1991	13/01/1991	38.89%			41.84%
31/12/1990	06/01/1991	38.05%			42.09%
24/12/1990	30/12/1990	38.13%			41.32%
17/12/1990	23/12/1990	37.80%			40.32%
10/12/1990	16/12/1990	37.45%			40.09%
03/12/1990	09/12/1990	37.22%			39.68%
26/11/1990	02/12/1990	37.44%			39.66%
19/11/1990	25/11/1990	38.34%			39.48%
12/11/1990	18/11/1990	38.19%			40.01%
05/11/1990	11/11/1990	37.92%			39.97%
29/10/1990	04/11/1990	37.98%			39.97%
22/10/1990	28/10/1990	37.66%			40.14%
15/10/1990	21/10/1990	38.10%			39.94%
08/10/1990	14/10/1990	37.80%			39.88%
01/10/1990	07/10/1990	37.39%			40.15%
24/09/1990	30/09/1990	36.96%			39.50%
17/09/1990	23/09/1990	37.45%			39.03%
10/09/1990	16/09/1990	36.89%			39.38%
03/09/1990	09/09/1990	37.08%			38.71%
27/08/1990	02/09/1990	36.79%			39.10%
20/08/1990	26/08/1990	37.32%			38.92%
13/08/1990	19/08/1990	38.28%			39.12%
06/08/1990	12/08/1990	37.96%			40.33%
30/07/1990	05/08/1990	36.98%			40.75%
23/07/1990	29/07/1990	37.05%			39.97%
16/07/1990	22/07/1990	36.80%			39.39%
09/07/1990	15/07/1990	36.41%			38.49%
02/07/1990	08/07/1990	36.12%			38.44%
25/06/1990	01/07/1990	35.95%			38.08%
18/06/1990	24/06/1990	35.82%			38.07%

11/06/1990	17/06/1990	35.96%			37.90%
04/06/1990	10/06/1990	36.11%			37.86%
28/05/1990	03/06/1990	35.43%			37.81%
21/05/1990	27/05/1990	35.48%			37.26%
14/05/1990	20/05/1990	35.72%			37.37%
07/05/1990	13/05/1990	35.85%			37.69%
30/04/1990	06/05/1990	35.49%			37.68%
23/04/1990	29/04/1990	35.86%			38.01%
16/04/1990	22/04/1990	35.41%			38.29%
09/04/1990	15/04/1990	34.84%			37.45%
02/04/1990	08/04/1990	34.73%			36.86%
26/03/1990	01/04/1990	34.12%			36.54%
19/03/1990	25/03/1990	34.22%			35.95%
12/03/1990	18/03/1990	34.29%			35.77%
05/03/1990	11/03/1990	34.06%			35.51%
26/02/1990	04/03/1990	34.16%			35.52%
19/02/1990	25/02/1990	34.07%			34.53%
12/02/1990	18/02/1990	34.07%			34.71%
05/02/1990	11/02/1990	34.11%			35.00%
29/01/1990	04/02/1990	34.43%			35.48%
22/01/1990	28/01/1990	34.86%			36.24%
15/01/1990	21/01/1990	35.11%			37.47%
08/01/1990	14/01/1990	35.47%			37.75%
01/01/1990	07/01/1990	34.87%			37.57%
25/12/1989	31/12/1989	34.57%			37.13%
18/12/1989	24/12/1989	34.55%			37.11%
11/12/1989	17/12/1989	34.71%			37.17%
04/12/1989	10/12/1989	34.62%			37.08%
27/11/1989	03/12/1989	34.72%			36.89%
20/11/1989	26/11/1989	34.45%			36.45%
13/11/1989	19/11/1989	34.92%			36.30%
06/11/1989	12/11/1989	33.92%			35.92%
30/10/1989	05/11/1989	33.71%			35.68%
23/10/1989	29/10/1989	33.79%			35.35%
16/10/1989	22/10/1989	33.49%			35.17%
09/10/1989	15/10/1989	33.90%			34.66%
02/10/1989	08/10/1989	33.47%			34.71%
25/09/1989	01/10/1989	33.35%			34.59%
18/09/1989	24/09/1989	33.86%			34.84%
11/09/1989	17/09/1989	33.88%			35.35%
04/09/1989	10/09/1989	33.93%			35.57%
28/08/1989	03/09/1989	34.07%			35.52%
21/08/1989	27/08/1989	34.10%			35.71%
14/08/1989	20/08/1989	34.14%			35.62%
07/08/1989	13/08/1989	34.07%			35.67%
31/07/1989	06/08/1989	33.70%			35.55%
24/07/1989	30/07/1989	33.71%			35.74%
17/07/1989	23/07/1989	34.09%			35.67%
10/07/1989	16/07/1989	33.78%			35.64%
03/07/1989	09/07/1989	33.76%			35.32%
26/06/1989	02/07/1989	33.76%			35.35%
19/06/1989	25/06/1989	34.05%			35.33%
12/06/1989	18/06/1989	33.21%			35.40%
05/06/1989	11/06/1989	33.91%			35.43%
29/05/1989	04/06/1989	33.81%			35.22%
22/05/1989	28/05/1989	33.85%			35.22%
15/05/1989	21/05/1989	34.02%			35.23%
08/05/1989	14/05/1989	33.73%			35.23%
01/05/1989	07/05/1989	33.58%			35.38%
24/04/1989	30/04/1989	33.45%			35.19%

17/04/1989	23/04/1989	33.69%		34.87%
10/04/1989	16/04/1989	33.09%		34.47%
03/04/1989	09/04/1989	33.08%		33.97%
27/03/1989	02/04/1989	33.01%		33.90%
20/03/1989	26/03/1989	33.19%		34.14%
13/03/1989	19/03/1989	33.22%		34.23%
06/03/1989	12/03/1989	32.94%		33.93%
27/02/1989	05/03/1989	33.06%		33.55%
20/02/1989	26/02/1989	32.64%		32.64%
13/02/1989	19/02/1989	32.72%		33.15%
06/02/1989	12/02/1989	32.30%		33.04%
30/01/1989	05/02/1989	32.15%		33.05%
23/01/1989	29/01/1989	32.14%		33.04%
16/01/1989	22/01/1989	32.37%		32.98%
09/01/1989	15/01/1989	32.27%		33.05%
02/01/1989	08/01/1989	32.47%		33.04%
26/12/1988	01/01/1989	32.07%		33.04%
19/12/1988	25/12/1988	32.13%		33.04%
12/12/1988	18/12/1988	32.05%		33.02%
05/12/1988	11/12/1988	32.37%		32.91%
28/11/1988	04/12/1988	32.28%		33.04%
21/11/1988	27/11/1988	32.22%		32.99%
14/11/1988	20/11/1988	32.22%		32.88%
07/11/1988	13/11/1988	32.15%		33.09%
31/10/1988	06/11/1988	30.91%		33.31%
24/10/1988	30/10/1988	32.04%		33.19%
17/10/1988	23/10/1988	32.10%		33.09%
10/10/1988	16/10/1988	32.22%		33.01%
03/10/1988	09/10/1988	32.37%		33.06%
26/09/1988	02/10/1988	32.27%		33.08%
19/09/1988	25/09/1988	32.03%		33.19%
12/09/1988	18/09/1988	35.71%		33.84%
05/09/1988	11/09/1988	35.81%		37.26%
29/08/1988	04/09/1988	34.18%		37.38%
22/08/1988	28/08/1988	35.27%		37.56%
15/08/1988	21/08/1988	35.57%		37.29%
08/08/1988	14/08/1988	35.32%		36.74%
01/08/1988	07/08/1988	35.05%		36.82%
25/07/1988	31/07/1988	34.78%		36.71%
18/07/1988	24/07/1988	35.42%		36.89%
11/07/1988	17/07/1988	34.82%		36.96%
04/07/1988	10/07/1988	36.82%		36.82%
27/06/1988	03/07/1988	36.51%		36.51%
20/06/1988	26/06/1988	36.42%		36.42%
13/06/1988	19/06/1988	36.18%		36.18%
06/06/1988	12/06/1988	36.45%		36.45%
30/05/1988	05/06/1988	36.48%		36.48%
23/05/1988	29/05/1988	36.61%		36.61%
16/05/1988	22/05/1988	36.70%		36.70%
09/05/1988	15/05/1988	36.40%		36.40%
02/05/1988	08/05/1988	36.58%		36.58%
25/04/1988	01/05/1988	36.34%		36.34%
18/04/1988	24/04/1988	36.54%		36.54%
11/04/1988	17/04/1988	35.58%		35.58%
04/04/1988	10/04/1988	35.40%		35.40%
28/03/1988	03/04/1988	35.11%		35.11%
21/03/1988	27/03/1988	34.37%		34.37%
14/03/1988	20/03/1988	34.08%		34.08%
07/03/1988	13/03/1988	33.69%		33.69%
29/02/1988	06/03/1988	33.54%		33.54%

22/02/1988	28/02/1988	33.35%			33.35%
15/02/1988	21/02/1988	33.47%			33.47%
08/02/1988	14/02/1988	33.16%			33.16%
01/02/1988	07/02/1988	32.78%			32.78%
25/01/1988	31/01/1988	32.69%			32.69%
18/01/1988	24/01/1988	33.35%			33.35%
11/01/1988	17/01/1988	33.97%			33.97%
04/01/1988	10/01/1988	34.59%			34.59%
28/12/1987	03/01/1988	35.14%			35.14%
21/12/1987	27/12/1987	34.33%			34.33%
14/12/1987	20/12/1987	34.45%			34.45%
07/12/1987	13/12/1987	34.10%			34.10%
30/11/1987	06/12/1987	33.25%			33.25%
23/11/1987	29/11/1987	33.32%			33.32%
16/11/1987	22/11/1987	32.99%			32.99%
09/11/1987	15/11/1987	32.52%			32.52%
02/11/1987	08/11/1987	31.83%			31.83%
26/10/1987	01/11/1987	31.46%			31.46%
19/10/1987	25/10/1987	31.48%			31.48%
12/10/1987	18/10/1987	31.31%			31.31%
05/10/1987	11/10/1987	31.21%			31.21%
28/09/1987	04/10/1987	31.08%			31.08%
21/09/1987	27/09/1987	31.19%			31.19%
14/09/1987	20/09/1987	30.96%			30.96%
07/09/1987	13/09/1987	31.00%			31.00%
31/08/1987	06/09/1987	31.08%			31.08%
24/08/1987	30/08/1987	31.19%			31.19%
17/08/1987	23/08/1987	31.31%			31.31%
10/08/1987	16/08/1987	31.24%			31.24%
03/08/1987	09/08/1987	31.07%			31.07%
27/07/1987	02/08/1987	30.87%			30.87%
20/07/1987	26/07/1987	30.75%			30.75%
13/07/1987	19/07/1987	30.86%			30.86%
06/07/1987	12/07/1987	30.72%			30.72%
29/06/1987	05/07/1987	30.56%			30.56%
22/06/1987	28/06/1987	30.58%			30.58%
15/06/1987	21/06/1987	30.52%			30.52%
08/06/1987	14/06/1987	30.83%			30.83%
01/06/1987	07/06/1987	30.82%			30.82%
25/05/1987	31/05/1987	30.97%			30.97%
18/05/1987	24/05/1987	30.91%			30.91%
11/05/1987	17/05/1987	30.89%			30.89%
04/05/1987	10/05/1987	30.87%			30.87%
27/04/1987	03/05/1987	30.75%			30.75%
20/04/1987	26/04/1987	30.62%			30.62%
13/04/1987	19/04/1987	30.87%			30.87%
06/04/1987	12/04/1987	30.40%			30.40%
30/03/1987	05/04/1987	30.51%			30.51%
23/03/1987	29/03/1987	30.31%			30.31%
16/03/1987	22/03/1987	30.56%			30.56%
09/03/1987	15/03/1987	30.59%			30.59%
02/03/1987	08/03/1987	30.59%			30.59%
23/02/1987	01/03/1987	30.52%			30.52%
16/02/1987	22/02/1987	30.66%			30.66%
09/02/1987	15/02/1987	31.38%			31.38%
02/02/1987	08/02/1987	31.60%			31.60%
26/01/1987	01/02/1987	32.03%			32.03%
19/01/1987	25/01/1987	32.82%			32.82%
12/01/1987	18/01/1987	32.75%			32.75%
05/01/1987	11/01/1987	33.28%			33.28%

29/12/1986	04/01/1987	33.42%			33.42%
22/12/1986	28/12/1986	33.32%			33.32%
15/12/1986	21/12/1986	33.52%			33.52%
08/12/1986	14/12/1986	33.15%			33.15%
01/12/1986	07/12/1986	32.52%			32.52%
24/11/1986	30/11/1986	32.54%			32.54%
17/11/1986	23/11/1986	32.25%			32.25%
10/11/1986	16/11/1986	32.03%			32.03%
03/11/1986	09/11/1986	31.77%			31.77%
27/10/1986	02/11/1986	31.50%			31.50%
20/10/1986	26/10/1986	31.39%			31.39%
13/10/1986	19/10/1986	31.29%			31.29%
06/10/1986	12/10/1986	31.22%			31.22%
29/09/1986	05/10/1986	31.19%			31.19%
22/09/1986	28/09/1986	31.39%			31.39%
15/09/1986	21/09/1986	31.52%			31.52%
08/09/1986	14/09/1986	31.83%			31.83%
01/09/1986	07/09/1986	31.39%			31.39%
25/08/1986	31/08/1986	31.49%			31.49%
18/08/1986	24/08/1986	31.55%			31.55%
11/08/1986	17/08/1986	31.77%			31.77%
04/08/1986	10/08/1986	31.79%			31.79%
28/07/1986	03/08/1986	31.86%			31.86%
21/07/1986	27/07/1986	31.59%			31.59%
14/07/1986	20/07/1986	30.89%			30.89%
07/07/1986	13/07/1986	30.68%			30.68%
30/06/1986	06/07/1986	30.65%			30.65%
23/06/1986	29/06/1986	30.61%			30.61%
16/06/1986	22/06/1986	30.76%			30.76%
09/06/1986	15/06/1986	30.70%			30.70%
02/06/1986	08/06/1986	30.49%			30.49%
26/05/1986	01/06/1986	30.59%			30.59%
19/05/1986	25/05/1986	30.55%			30.55%
12/05/1986	18/05/1986	30.49%			30.49%
05/05/1986	11/05/1986	30.33%			30.33%
28/04/1986	04/05/1986	30.52%			30.52%
21/04/1986	27/04/1986	30.49%			30.49%
14/04/1986	20/04/1986	30.56%			30.56%
07/04/1986	13/04/1986	30.54%			30.54%
31/03/1986	06/04/1986	30.30%			30.30%
24/03/1986	30/03/1986	30.58%			30.58%
17/03/1986	23/03/1986	30.61%			30.61%
10/03/1986	16/03/1986	30.61%			30.61%
03/03/1986	09/03/1986	30.62%			30.62%
24/02/1986	02/03/1986	30.68%			30.68%
17/02/1986	23/02/1986	30.72%			30.72%
10/02/1986	16/02/1986	31.32%			31.32%
03/02/1986	09/02/1986	34.95%			34.95%
27/01/1986	02/02/1986	36.36%			36.36%
20/01/1986	26/01/1986	36.30%			36.30%
13/01/1986	19/01/1986	35.99%			35.99%
06/01/1986	12/01/1986	36.61%			36.61%
30/12/1985	05/01/1986	36.31%			36.31%
23/12/1985	29/12/1985	36.49%			36.49%
16/12/1985	22/12/1985	36.62%			36.62%
09/12/1985	15/12/1985	36.46%			36.46%
02/12/1985	08/12/1985	36.43%			36.43%
25/11/1985	01/12/1985	36.49%			36.49%
18/11/1985	24/11/1985	35.89%			35.89%
11/11/1985	17/11/1985	36.86%			36.86%

04/11/1985	10/11/1985	36.71%			36.71%
28/10/1985	03/11/1985	36.65%			36.65%
21/10/1985	27/10/1985	36.37%			36.37%
14/10/1985	20/10/1985	36.82%			36.82%
07/10/1985	13/10/1985	36.77%			36.77%
30/09/1985	06/10/1985	36.61%			36.61%
23/09/1985	29/09/1985	36.26%			36.26%
16/09/1985	22/09/1985	36.40%			36.40%
09/09/1985	15/09/1985	36.62%			36.62%
02/09/1985	08/09/1985	36.11%			36.11%
26/08/1985	01/09/1985	36.31%			36.31%
19/08/1985	25/08/1985	36.27%			36.27%
12/08/1985	18/08/1985	36.68%			36.68%
05/08/1985	11/08/1985	36.24%			36.24%
29/07/1985	04/08/1985	36.33%			36.33%
22/07/1985	28/07/1985	36.28%			36.28%
15/07/1985	21/07/1985	36.12%			36.12%
08/07/1985	14/07/1985	36.86%			36.86%
01/07/1985	07/07/1985	36.45%			36.45%
24/06/1985	30/06/1985	36.24%			36.24%
17/06/1985	23/06/1985	36.20%			36.20%
10/06/1985	16/06/1985	36.51%			36.51%
03/06/1985	09/06/1985	36.42%			36.42%
27/05/1985	02/06/1985	36.23%			36.23%
20/05/1985	26/05/1985	36.01%			36.01%
13/05/1985	19/05/1985	35.90%			35.90%
06/05/1985	12/05/1985	35.81%			35.81%
29/04/1985	05/05/1985	35.86%			35.86%
22/04/1985	28/04/1985	35.73%			35.73%
15/04/1985	21/04/1985	35.52%			35.52%
08/04/1985	14/04/1985	36.18%			36.18%
01/04/1985	07/04/1985	35.83%			35.83%
25/03/1985	31/03/1985	35.80%			35.80%
18/03/1985	24/03/1985	35.73%			35.73%
11/03/1985	17/03/1985	36.03%			36.03%
04/03/1985	10/03/1985	35.67%			35.67%
25/02/1985	03/03/1985	35.96%			35.96%
18/02/1985	24/02/1985	36.01%			36.01%
11/02/1985	17/02/1985	35.87%			35.87%
04/02/1985	10/02/1985	35.98%			35.98%
28/01/1985	03/02/1985	36.31%			36.31%
21/01/1985	27/01/1985	36.34%			36.34%
14/01/1985	20/01/1985	36.43%			36.43%
07/01/1985	13/01/1985	36.62%			36.62%
31/12/1984	06/01/1985	36.26%			36.26%
24/12/1984	30/12/1984	36.12%			36.12%
17/12/1984	23/12/1984	36.01%			36.01%
10/12/1984	16/12/1984	36.34%			36.34%
03/12/1984	09/12/1984	36.14%			36.14%
26/11/1984	02/12/1984	36.15%			36.15%
19/11/1984	25/11/1984	35.89%			35.89%
12/11/1984	18/11/1984	35.96%			35.96%
05/11/1984	11/11/1984	35.86%			35.86%
29/10/1984	04/11/1984	35.98%			35.98%
22/10/1984	28/10/1984	36.14%			36.14%
15/10/1984	21/10/1984	35.76%			35.76%
08/10/1984	14/10/1984	36.21%			36.21%
01/10/1984	07/10/1984	36.49%			36.49%
24/09/1984	30/09/1984	35.68%			35.68%
17/09/1984	23/09/1984	36.27%			36.27%

10/09/1984	16/09/1984	35.96%			35.96%
03/09/1984	09/09/1984	36.08%			36.08%
27/08/1984	02/09/1984	35.98%			35.98%
21/08/1984	26/08/1984	36.15%			
20/08/1984	26/08/1984				36.15%
13/08/1984	19/08/1984	36.43%			36.43%
06/08/1984	12/08/1984	36.02%			36.02%
30/07/1984	05/08/1984	36.05%			36.05%
23/07/1984	29/07/1984	35.90%			35.90%
	22/07/1984				35.92%
16/07/1984	21/07/1984	35.92%			
09/07/1984	15/07/1984	35.99%			35.99%
03/07/1984	08/07/1984	35.77%			
02/07/1984	08/07/1984				35.77%
26/06/1984	01/07/1984	35.68%			
25/06/1984	01/07/1984				35.68%
18/06/1984	24/06/1984	35.57%			35.57%
11/06/1984	17/06/1984	35.48%			35.48%
04/06/1984	10/06/1984	35.86%			35.86%
28/05/1984	03/06/1984	35.62%			35.62%
21/05/1984	27/05/1984	35.42%			35.42%
14/05/1984	20/05/1984	35.67%			35.67%
07/05/1984	13/05/1984	35.26%			35.26%
30/04/1984	06/05/1984	35.58%			35.58%
23/04/1984	29/04/1984	35.45%			35.45%
16/04/1984	22/04/1984	35.30%			35.30%
09/04/1984	15/04/1984	35.54%			35.54%
02/04/1984	08/04/1984	35.52%			35.52%
26/03/1984	01/04/1984	35.13%			35.13%
20/03/1984	25/03/1984	35.16%			
19/03/1984	25/03/1984				35.16%
	19/03/1984	35.40%			
12/03/1984	18/03/1984				35.40%
05/03/1984	11/03/1984	35.45%			35.45%
27/02/1984	04/03/1984	35.57%			35.57%
20/02/1984	26/02/1984	35.80%			35.80%
	19/02/1984				35.90%
13/02/1984	17/02/1984	35.90%			
06/02/1984	12/02/1984	35.84%			35.84%
30/01/1984	05/02/1984	35.95%			35.95%
23/01/1984	29/01/1984	36.21%			36.21%
12/01/1984	18/01/1984	36.45%			36.45%

Fuente: cálculos Banco de la República con información proveniente de la Superintendencia Financiera

Nota: la tasa DTF se refiere a la tasa promedio ponderada por monto de las captaciones por CDT a 90 días para los Bancos, corporaciones y compañías de financiamiento comercial. El cálculo se realiza con información diaria de las captaciones

Hasta diciembre de 1988 los cálculos se realizan con base en la encuesta a bancos y corporaciones financieras Oficina Principal de Santafé de Bogotá. A partir de enero de 1989 los cálculos se realizan con base en la información de la encuesta diaria a bancos y corporaciones financieras de todo el país, según circulares 022 y 042 de 1988 de la Asociación Bancaria. A partir del 6 de marzo de 1995 los cálculos se realizan con base en la encuesta diaria que efectúa la Superintendencia

Date	1 Mo	3 Mo	6 Mo	1 Yr	2 Yr	3 Yr	5 Yr	7 Yr	10 Yr	20 Yr	30 Yr
01/02/2013	0.07	0.08	0.12	0.15	0.27	0.37	0.76	1.25	1.86	2.63	3.04
01/03/2013	0.06	0.08	0.12	0.15	0.27	0.4	0.81	1.31	1.92	2.7	3.12
01/04/2013	0.06	0.07	0.11	0.15	0.27	0.41	0.82	1.32	1.93	2.7	3.1
01/07/2013	0.05	0.07	0.11	0.15	0.27	0.41	0.82	1.31	1.92	2.7	3.1
01/08/2013	0.06	0.07	0.11	0.14	0.25	0.38	0.79	1.28	1.89	2.66	3.06
01/09/2013	0.04	0.06	0.09	0.13	0.24	0.37	0.77	1.27	1.88	2.65	3.06
01/10/2013	0.05	0.06	0.1	0.14	0.26	0.37	0.8	1.3	1.91	2.68	3.08
01/11/2013	0.04	0.07	0.1	0.14	0.26	0.37	0.78	1.28	1.89	2.65	3.05
01/14/13	0.05	0.08	0.11	0.14	0.26	0.37	0.78	1.27	1.89	2.65	3.05
01/15/13	0.09	0.09	0.11	0.14	0.26	0.36	0.75	1.24	1.86	2.62	3.02
01/16/13	0.07	0.08	0.11	0.14	0.26	0.36	0.75	1.23	1.84	2.61	3.01
01/17/13	0.05	0.07	0.11	0.14	0.28	0.39	0.79	1.29	1.89	2.66	3.06
01/18/13	0.04	0.08	0.1	0.14	0.26	0.38	0.77	1.26	1.87	2.63	3.03
01/22/13	0.04	0.08	0.1	0.14	0.26	0.38	0.76	1.25	1.86	2.62	3.02
01/23/13	0.06	0.08	0.1	0.15	0.26	0.37	0.76	1.24	1.86	2.62	3.02
01/24/13	0.06	0.08	0.1	0.15	0.23	0.37	0.78	1.26	1.88	2.64	3.04
01/25/13	0.06	0.08	0.11	0.15	0.28	0.42	0.87	1.36	1.98	2.75	3.14
01/28/13	0.03	0.07	0.11	0.16	0.29	0.45	0.89	1.38	2	2.76	3.15
01/29/13	0.03	0.07	0.11	0.15	0.3	0.43	0.9	1.4	2.03	2.79	3.18
01/30/13	0.04	0.07	0.11	0.15	0.27	0.42	0.88	1.39	2.03	2.8	3.19
01/31/13	0.04	0.07	0.12	0.15	0.27	0.42	0.88	1.38	2.02	2.79	3.17
02/01/2013	0.02	0.06	0.11	0.15	0.27	0.4	0.88	1.4	2.04	2.83	3.21
02/04/2013	0.03	0.07	0.11	0.15	0.25	0.38	0.85	1.36	2	2.79	3.17
02/05/2013	0.06	0.07	0.11	0.15	0.27	0.41	0.88	1.39	2.04	2.83	3.21
02/06/2013	0.06	0.07	0.12	0.15	0.27	0.39	0.84	1.35	2	2.79	3.18
02/07/2013	0.03	0.07	0.11	0.15	0.25	0.39	0.83	1.34	1.99	2.78	3.17
02/08/2013	0.03	0.07	0.11	0.14	0.25	0.39	0.84	1.34	1.99	2.79	3.17
02/11/2013	0.05	0.09	0.12	0.15	0.27	0.4	0.85	1.35	1.99	2.78	3.16
02/12/2013	0.08	0.09	0.12	0.14	0.29	0.41	0.88	1.38	2.02	2.81	3.19
02/13/13	0.09	0.1	0.12	0.15	0.29	0.44	0.92	1.43	2.05	2.86	3.23
02/14/13	0.1	0.11	0.13	0.16	0.27	0.42	0.86	1.37	2	2.79	3.17
02/15/13	0.09	0.1	0.13	0.17	0.29	0.42	0.87	1.38	2.01	2.8	3.18
02/19/13	0.09	0.12	0.13	0.17	0.29	0.44	0.89	1.41	2.03	2.83	3.21
02/20/13	0.12	0.12	0.13	0.17	0.27	0.42	0.88	1.38	2.02	2.82	3.2
02/21/13	0.12	0.13	0.13	0.16	0.26	0.4	0.86	1.36	1.99	2.79	3.17
02/22/13	0.11	0.13	0.14	0.16	0.27	0.4	0.84	1.34	1.97	2.77	3.15
02/25/13	0.09	0.12	0.14	0.16	0.25	0.37	0.78	1.25	1.88	2.69	3.08
02/26/13	0.11	0.14	0.14	0.17	0.25	0.37	0.78	1.25	1.88	2.69	3.08
02/27/13	0.11	0.11	0.13	0.17	0.27	0.36	0.78	1.28	1.91	2.72	3.11
02/28/13	0.07	0.11	0.13	0.17	0.25	0.36	0.77	1.26	1.89	2.71	3.1
03/01/2013	0.07	0.11	0.12	0.16	0.25	0.35	0.75	1.23	1.86	2.68	3.06
03/04/2013	0.07	0.11	0.12	0.16	0.24	0.35	0.76	1.25	1.88	2.7	3.08
03/05/2013	0.09	0.08	0.12	0.15	0.25	0.36	0.77	1.27	1.9	2.72	3.1
03/06/2013	0.09	0.1	0.12	0.15	0.25	0.38	0.81	1.31	1.95	2.77	3.15
03/07/2013	0.1	0.1	0.11	0.15	0.25	0.4	0.85	1.36	2	2.82	3.2
03/08/2013	0.09	0.1	0.11	0.15	0.27	0.42	0.9	1.43	2.06	2.89	3.25
03/11/2013	0.09	0.1	0.12	0.15	0.27	0.43	0.9	1.43	2.07	2.89	3.26
03/12/2013	0.1	0.1	0.12	0.15	0.27	0.41	0.88	1.4	2.03	2.85	3.22
03/13/13	0.09	0.09	0.12	0.15	0.27	0.42	0.89	1.41	2.04	2.85	3.22
03/14/13	0.08	0.1	0.12	0.15	0.27	0.42	0.88	1.4	2.04	2.87	3.25
03/15/13	0.07	0.09	0.11	0.14	0.25	0.4	0.84	1.35	2.01	2.85	3.22
03/18/13	0.07	0.07	0.11	0.15	0.26	0.38	0.81	1.31	1.96	2.79	3.18
03/19/13	0.08	0.07	0.11	0.15	0.24	0.37	0.79	1.28	1.92	2.75	3.13
03/20/13	0.08	0.07	0.11	0.15	0.26	0.38	0.81	1.32	1.96	2.8	3.19
03/21/13	0.08	0.07	0.11	0.14	0.27	0.38	0.81	1.3	1.95	2.77	3.15
03/22/13	0.07	0.07	0.11	0.14	0.26	0.39	0.8	1.29	1.93	2.75	3.13
03/25/13	0.06	0.08	0.11	0.14	0.24	0.38	0.8	1.28	1.93	2.76	3.14
03/26/13	0.08	0.07	0.11	0.14	0.25	0.38	0.79	1.27	1.92	2.75	3.13
03/27/13	0.06	0.09	0.12	0.14	0.25	0.36	0.76	1.22	1.87	2.71	3.09
03/28/13	0.04	0.07	0.11	0.14	0.25	0.36	0.77	1.24	1.87	2.71	3.1
04/01/2013	0.06	0.08	0.11	0.14	0.23	0.36	0.76	1.23	1.86	2.7	3.08
04/02/2013	0.06	0.07	0.11	0.14	0.25	0.36	0.78	1.26	1.88	2.72	3.1
04/03/2013	0.06	0.06	0.1	0.13	0.24	0.34	0.73	1.2	1.83	2.66	3.05
04/04/2013	0.07	0.07	0.1	0.13	0.22	0.33	0.69	1.15	1.78	2.6	2.99
04/05/2013	0.05	0.07	0.1	0.13	0.24	0.33	0.68	1.12	1.72	2.5	2.87

04/08/2013	0.05	0.07	0.1	0.13	0.24	0.34	0.71	1.15	1.76	2.54	2.91
04/09/2013	0.06	0.06	0.1	0.13	0.24	0.34	0.7	1.16	1.78	2.57	2.94
04/10/2013	0.07	0.07	0.1	0.12	0.24	0.36	0.74	1.21	1.84	2.63	3.01
04/11/2013	0.06	0.07	0.1	0.12	0.24	0.35	0.74	1.2	1.82	2.62	3.01
04/12/2013	0.05	0.06	0.09	0.11	0.22	0.33	0.7	1.14	1.75	2.54	2.92
04/15/13	0.04	0.06	0.09	0.12	0.22	0.32	0.69	1.12	1.72	2.5	2.88
04/16/13	0.06	0.06	0.09	0.13	0.24	0.33	0.71	1.15	1.75	2.53	2.91
04/17/13	0.05	0.06	0.09	0.13	0.24	0.35	0.71	1.13	1.73	2.51	2.89
04/18/13	0.03	0.05	0.09	0.12	0.24	0.35	0.71	1.13	1.72	2.49	2.87
04/19/13	0.04	0.05	0.09	0.12	0.24	0.35	0.72	1.14	1.73	2.5	2.88
04/22/13	0.04	0.05	0.09	0.12	0.24	0.35	0.7	1.13	1.72	2.5	2.88
04/23/13	0.04	0.05	0.09	0.12	0.23	0.35	0.71	1.14	1.74	2.52	2.9
04/24/13	0.05	0.06	0.09	0.13	0.23	0.34	0.7	1.13	1.73	2.5	2.89
04/25/13	0.04	0.05	0.08	0.12	0.23	0.35	0.71	1.15	1.74	2.52	2.91
04/26/13	0.04	0.05	0.09	0.12	0.22	0.32	0.68	1.1	1.7	2.47	2.87
04/29/13	0.03	0.05	0.08	0.12	0.2	0.32	0.68	1.1	1.7	2.49	2.88
04/30/13	0.03	0.05	0.09	0.11	0.22	0.32	0.68	1.11	1.7	2.49	2.88
05/01/2013	0.03	0.06	0.08	0.11	0.2	0.3	0.65	1.07	1.66	2.44	2.83
05/02/2013	0.02	0.05	0.08	0.11	0.2	0.3	0.65	1.07	1.66	2.44	2.82
05/03/2013	0.02	0.05	0.08	0.11	0.22	0.34	0.73	1.17	1.78	2.58	2.96
05/06/2013	0.01	0.04	0.08	0.11	0.22	0.34	0.74	1.19	1.8	2.6	2.98
05/07/2013	0.01	0.04	0.08	0.1	0.22	0.35	0.75	1.21	1.82	2.62	3
05/08/2013	0.01	0.04	0.08	0.11	0.22	0.35	0.75	1.2	1.81	2.61	2.99
05/09/2013	0.02	0.04	0.08	0.11	0.22	0.35	0.75	1.2	1.81	2.6	3.01
05/10/2013	0.02	0.04	0.08	0.11	0.26	0.38	0.82	1.28	1.9	2.7	3.1
05/13/13	0.02	0.05	0.08	0.13	0.24	0.4	0.83	1.3	1.92	2.73	3.13
05/14/13	0.01	0.05	0.09	0.12	0.26	0.41	0.85	1.33	1.96	2.77	3.17
05/15/13	0.01	0.04	0.09	0.12	0.26	0.4	0.84	1.32	1.94	2.76	3.16
05/16/13	0	0.03	0.08	0.12	0.23	0.37	0.79	1.25	1.87	2.69	3.09
05/17/13	0.01	0.04	0.08	0.12	0.26	0.4	0.84	1.32	1.95	2.77	3.17
05/20/13	0.01	0.05	0.09	0.12	0.26	0.4	0.85	1.33	1.97	2.79	3.18
05/21/13	0.04	0.04	0.09	0.12	0.26	0.39	0.84	1.31	1.94	2.75	3.14
05/22/13	0.04	0.04	0.08	0.11	0.26	0.41	0.91	1.4	2.03	2.83	3.21
05/23/13	0.03	0.05	0.08	0.12	0.26	0.42	0.91	1.4	2.02	2.82	3.2
05/24/13	0.03	0.04	0.07	0.12	0.26	0.41	0.9	1.39	2.01	2.8	3.18
05/28/13	0.02	0.05	0.09	0.13	0.29	0.49	1.02	1.53	2.15	2.95	3.31
05/29/13	0.04	0.05	0.08	0.14	0.3	0.49	1.02	1.51	2.13	2.91	3.27
05/30/13	0.02	0.04	0.07	0.13	0.31	0.49	1.01	1.51	2.13	2.92	3.28
05/31/13	0.03	0.04	0.07	0.14	0.3	0.52	1.05	1.55	2.16	2.95	3.3
06/03/2013	0.03	0.05	0.08	0.14	0.3	0.5	1.03	1.53	2.13	2.92	3.27
06/04/2013	0.05	0.04	0.08	0.14	0.32	0.48	1.05	1.55	2.14	2.95	3.3
06/05/2013	0.04	0.05	0.08	0.14	0.3	0.48	1.02	1.52	2.1	2.9	3.25
06/06/2013	0.04	0.05	0.08	0.14	0.3	0.48	1.01	1.49	2.08	2.89	3.23
06/07/2013	0.04	0.04	0.07	0.14	0.32	0.52	1.1	1.59	2.17	2.98	3.33
06/10/2013	0.04	0.05	0.08	0.14	0.32	0.55	1.13	1.62	2.22	3.03	3.36
06/11/2013	0.05	0.05	0.08	0.14	0.34	0.57	1.12	1.61	2.2	3	3.33
06/12/2013	0.04	0.05	0.08	0.14	0.34	0.57	1.15	1.64	2.25	3.04	3.37
06/13/13	0.04	0.05	0.08	0.14	0.32	0.55	1.11	1.6	2.19	2.99	3.33
06/14/13	0.04	0.05	0.08	0.13	0.29	0.49	1.04	1.53	2.14	2.95	3.28
06/17/13	0.05	0.05	0.08	0.13	0.27	0.49	1.06	1.57	2.19	3.01	3.35
06/18/13	0.04	0.05	0.08	0.13	0.27	0.48	1.07	1.58	2.2	3	3.34
06/19/13	0.04	0.05	0.08	0.13	0.31	0.58	1.24	1.76	2.33	3.09	3.41
06/20/13	0.03	0.05	0.09	0.14	0.33	0.62	1.31	1.84	2.41	3.18	3.49
06/21/13	0.02	0.05	0.09	0.13	0.38	0.7	1.42	1.95	2.52	3.26	3.56
06/24/13	0.01	0.06	0.11	0.16	0.42	0.73	1.48	2.02	2.57	3.27	3.56
06/25/13	0.03	0.06	0.11	0.17	0.43	0.74	1.49	2.03	2.6	3.31	3.6
06/26/13	0.02	0.06	0.11	0.16	0.39	0.69	1.45	1.98	2.55	3.27	3.58
06/27/13	0.02	0.06	0.11	0.15	0.36	0.66	1.38	1.91	2.49	3.22	3.54
06/28/13	0.02	0.04	0.1	0.15	0.36	0.66	1.41	1.96	2.52	3.22	3.52
07/01/2013	0.01	0.04	0.09	0.15	0.34	0.65	1.39	1.93	2.5	3.19	3.48
07/02/2013	0.02	0.03	0.08	0.14	0.34	0.64	1.38	1.92	2.48	3.18	3.47
07/03/2013	0.03	0.05	0.08	0.14	0.36	0.67	1.42	1.97	2.52	3.22	3.49
07/05/2013	0.03	0.04	0.08	0.15	0.4	0.77	1.6	2.19	2.73	3.41	3.68
07/08/2013	0.02	0.05	0.07	0.14	0.37	0.71	1.51	2.11	2.65	3.35	3.63
07/09/2013	0.04	0.04	0.08	0.14	0.37	0.71	1.5	2.08	2.65	3.36	3.64
07/10/2013	0.03	0.04	0.08	0.13	0.38	0.73	1.54	2.12	2.7	3.4	3.68

07/11/2013	0.02	0.04	0.07	0.13	0.34	0.65	1.4	1.99	2.6	3.33	3.64
07/12/2013	0.02	0.04	0.07	0.12	0.37	0.66	1.43	2	2.61	3.34	3.64
07/15/13	0.02	0.04	0.07	0.11	0.34	0.66	1.4	1.97	2.57	3.3	3.61
07/16/13	0.02	0.03	0.07	0.1	0.34	0.64	1.38	1.95	2.55	3.28	3.58
07/17/13	0.02	0.03	0.08	0.11	0.32	0.6	1.33	1.91	2.52	3.27	3.57
07/18/13	0.01	0.03	0.07	0.11	0.32	0.61	1.35	1.95	2.56	3.32	3.63
07/19/13	0.01	0.03	0.07	0.11	0.32	0.59	1.31	1.9	2.5	3.25	3.56
07/22/13	0.01	0.04	0.07	0.1	0.32	0.59	1.32	1.9	2.5	3.25	3.55
07/23/13	0.02	0.02	0.07	0.12	0.33	0.6	1.33	1.92	2.53	3.27	3.58
07/24/13	0.02	0.03	0.07	0.12	0.34	0.64	1.4	2	2.61	3.34	3.65
07/25/13	0.02	0.02	0.06	0.12	0.32	0.62	1.38	2	2.61	3.34	3.65
07/26/13	0.02	0.03	0.07	0.11	0.31	0.59	1.36	1.98	2.58	3.31	3.61
07/29/13	0.01	0.03	0.07	0.11	0.33	0.61	1.37	2	2.61	3.35	3.66
07/30/13	0.03	0.04	0.07	0.11	0.33	0.62	1.39	2.02	2.63	3.36	3.67
07/31/13	0.03	0.04	0.08	0.11	0.31	0.61	1.38	2	2.6	3.34	3.64
08/01/2013	0.02	0.04	0.08	0.13	0.35	0.65	1.49	2.15	2.74	3.48	3.77
08/02/2013	0.02	0.04	0.07	0.11	0.3	0.59	1.36	2.01	2.63	3.39	3.69
08/05/2013	0.03	0.05	0.08	0.12	0.32	0.61	1.39	2.04	2.67	3.42	3.73
08/06/2013	0.05	0.04	0.08	0.12	0.32	0.62	1.39	2.04	2.67	3.42	3.73
08/07/2013	0.05	0.05	0.08	0.12	0.32	0.61	1.38	2	2.61	3.37	3.68
08/08/2013	0.05	0.05	0.07	0.12	0.3	0.61	1.36	1.98	2.58	3.37	3.65
08/09/2013	0.05	0.05	0.07	0.11	0.32	0.61	1.36	1.98	2.57	3.36	3.63
08/12/2013	0.05	0.06	0.08	0.12	0.32	0.62	1.39	2.01	2.61	3.39	3.67
08/13/13	0.06	0.06	0.08	0.12	0.34	0.68	1.49	2.13	2.71	3.48	3.75
08/14/13	0.06	0.05	0.07	0.12	0.34	0.67	1.48	2.12	2.71	3.48	3.75
08/15/13	0.05	0.05	0.08	0.13	0.36	0.7	1.54	2.18	2.77	3.54	3.81
08/16/13	0.05	0.05	0.08	0.13	0.36	0.73	1.6	2.25	2.84	3.61	3.86
08/19/13	0.03	0.06	0.08	0.13	0.36	0.76	1.63	2.29	2.88	3.64	3.89
08/20/13	0.03	0.04	0.07	0.13	0.36	0.73	1.57	2.22	2.82	3.59	3.86
08/21/13	0.02	0.04	0.07	0.14	0.38	0.76	1.64	2.3	2.87	3.64	3.9
08/22/13	0.01	0.03	0.06	0.14	0.42	0.82	1.71	2.34	2.9	3.63	3.88
08/23/13	0.02	0.03	0.06	0.14	0.4	0.8	1.66	2.27	2.82	3.55	3.8
08/26/13	0.03	0.04	0.07	0.13	0.41	0.79	1.61	2.23	2.79	3.52	3.77
08/27/13	0.04	0.05	0.07	0.12	0.38	0.77	1.56	2.15	2.72	3.45	3.7
08/28/13	0.04	0.03	0.07	0.14	0.4	0.79	1.62	2.22	2.78	3.5	3.75
08/29/13	0.03	0.02	0.06	0.14	0.39	0.79	1.6	2.2	2.75	3.45	3.7
08/30/13	0.02	0.03	0.05	0.13	0.39	0.79	1.62	2.24	2.78	3.46	3.7
09/03/2013	0.03	0.02	0.05	0.14	0.43	0.83	1.68	2.31	2.86	3.54	3.79
09/04/2013	0.02	0.02	0.05	0.14	0.46	0.89	1.74	2.36	2.9	3.56	3.8
09/05/2013	0.03	0.02	0.06	0.16	0.52	0.97	1.85	2.45	2.98	3.64	3.88
09/06/2013	0.02	0.02	0.05	0.14	0.46	0.91	1.77	2.38	2.94	3.62	3.87
09/09/2013	0.02	0.02	0.04	0.12	0.45	0.87	1.71	2.34	2.9	3.6	3.84
09/10/2013	0.01	0.02	0.04	0.13	0.5	0.92	1.78	2.4	2.96	3.65	3.88
09/11/2013	0.01	0.02	0.05	0.12	0.47	0.88	1.72	2.34	2.93	3.61	3.85
09/12/2013	0.01	0.01	0.02	0.13	0.45	0.87	1.72	2.34	2.92	3.6	3.85
09/13/13	0.01	0.01	0.02	0.13	0.45	0.87	1.71	2.32	2.9	3.59	3.84
09/16/13	0.01	0.02	0.04	0.13	0.41	0.8	1.65	2.27	2.88	3.61	3.87
09/17/13	0.01	0.01	0.04	0.12	0.39	0.78	1.62	2.26	2.86	3.57	3.84
09/18/13	0.01	0.01	0.04	0.11	0.34	0.67	1.43	2.05	2.69	3.46	3.75
09/19/13	0	0.01	0.03	0.1	0.34	0.69	1.49	2.13	2.76	3.52	3.8
09/20/13	0.01	0.01	0.05	0.11	0.34	0.69	1.5	2.13	2.75	3.5	3.77
09/23/13	0.01	0.02	0.05	0.1	0.35	0.68	1.48	2.1	2.72	3.46	3.73
09/24/13	0.02	0.02	0.05	0.1	0.35	0.67	1.44	2.05	2.67	3.4	3.67
09/25/13	0.02	0.02	0.05	0.1	0.36	0.66	1.41	2.01	2.63	3.37	3.65
09/26/13	0.04	0	0.03	0.09	0.34	0.67	1.43	2.05	2.66	3.41	3.69
09/27/13	0.03	0.02	0.03	0.1	0.34	0.64	1.4	2.02	2.64	3.4	3.68
09/30/13	0.03	0.02	0.04	0.1	0.33	0.63	1.39	2.02	2.64	3.41	3.69
10/01/2013	0.1	0.02	0.04	0.1	0.33	0.66	1.42	2.04	2.66	3.43	3.72
10/02/2013	0.08	0.02	0.05	0.11	0.31	0.62	1.38	2.01	2.63	3.41	3.7
10/03/2013	0.12	0.03	0.05	0.11	0.33	0.61	1.36	1.99	2.62	3.4	3.71
10/04/2013	0.11	0.03	0.04	0.11	0.33	0.66	1.41	2.05	2.66	3.43	3.73
10/07/2013	0.13	0.03	0.06	0.12	0.37	0.66	1.41	2.03	2.65	3.41	3.7
10/08/2013	0.27	0.05	0.09	0.15	0.4	0.7	1.43	2.05	2.66	3.41	3.7
10/09/2013	0.26	0.05	0.08	0.15	0.37	0.68	1.43	2.06	2.68	3.43	3.73
10/10/2013	0.25	0.05	0.07	0.14	0.35	0.68	1.44	2.09	2.71	3.46	3.75
10/11/2013	0.25	0.08	0.07	0.14	0.35	0.66	1.42	2.07	2.7	3.45	3.74

10/15/13	0.32	0.14	0.16	0.16	0.37	0.68	1.45	2.11	2.75	3.5	3.78
10/16/13	0.14	0.1	0.11	0.15	0.34	0.64	1.41	2.06	2.69	3.43	3.72
10/17/13	0.01	0.05	0.08	0.13	0.33	0.61	1.35	1.98	2.61	3.36	3.66
10/18/13	0.01	0.04	0.08	0.12	0.33	0.62	1.35	1.98	2.6	3.36	3.65
10/21/13	0.02	0.04	0.07	0.11	0.33	0.63	1.38	2.01	2.63	3.39	3.68
10/22/13	0.04	0.04	0.07	0.1	0.31	0.59	1.3	1.92	2.54	3.31	3.61
10/23/13	0.02	0.04	0.07	0.11	0.31	0.6	1.3	1.9	2.51	3.29	3.59
10/24/13	0.02	0.03	0.07	0.12	0.33	0.59	1.32	1.92	2.53	3.3	3.61
10/25/13	0.02	0.04	0.08	0.11	0.32	0.59	1.3	1.9	2.53	3.3	3.6
10/28/13	0.02	0.04	0.08	0.11	0.32	0.59	1.31	1.91	2.54	3.31	3.61
10/29/13	0.06	0.04	0.08	0.11	0.31	0.59	1.29	1.9	2.53	3.31	3.62
10/30/13	0.05	0.04	0.09	0.11	0.33	0.58	1.3	1.93	2.55	3.33	3.63
10/31/13	0.03	0.04	0.08	0.1	0.31	0.57	1.31	1.95	2.57	3.33	3.63
11/01/2013	0.03	0.04	0.08	0.1	0.33	0.61	1.37	2.03	2.65	3.4	3.69
11/04/2013	0.02	0.05	0.09	0.09	0.32	0.6	1.36	2.01	2.63	3.4	3.7
11/05/2013	0.06	0.05	0.08	0.1	0.32	0.6	1.39	2.06	2.69	3.46	3.76
11/06/2013	0.05	0.05	0.09	0.11	0.3	0.58	1.34	2.02	2.67	3.46	3.77
11/07/2013	0.04	0.05	0.09	0.11	0.29	0.55	1.31	1.98	2.63	3.41	3.71
11/08/2013	0.04	0.06	0.09	0.12	0.32	0.62	1.42	2.12	2.77	3.55	3.84
11/12/2013	0.05	0.08	0.1	0.13	0.34	0.65	1.47	2.16	2.8	3.57	3.86
11/13/13	0.06	0.08	0.1	0.13	0.32	0.61	1.41	2.1	2.75	3.54	3.83
11/14/13	0.06	0.08	0.1	0.13	0.29	0.56	1.34	2.04	2.69	3.49	3.79
11/15/13	0.06	0.08	0.1	0.13	0.31	0.58	1.36	2.06	2.71	3.5	3.8
11/18/13	0.05	0.09	0.1	0.13	0.31	0.56	1.33	2.02	2.67	3.46	3.76
11/19/13	0.05	0.08	0.1	0.14	0.29	0.58	1.37	2.06	2.71	3.5	3.8
11/20/13	0.06	0.08	0.11	0.12	0.28	0.57	1.39	2.13	2.8	3.61	3.9
11/21/13	0.02	0.07	0.1	0.12	0.29	0.55	1.38	2.12	2.79	3.59	3.89
11/22/13	0.02	0.07	0.1	0.12	0.31	0.57	1.37	2.1	2.75	3.54	3.84
11/25/13	0.04	0.08	0.11	0.14	0.3	0.57	1.37	2.08	2.74	3.53	3.83
11/26/13	0.07	0.07	0.11	0.13	0.29	0.55	1.34	2.05	2.71	3.5	3.8
11/27/13	0.06	0.07	0.11	0.13	0.28	0.55	1.36	2.08	2.74	3.52	3.81
11/29/13	0.05	0.06	0.11	0.13	0.28	0.56	1.37	2.1	2.75	3.54	3.82
12/02/2013	0.02	0.05	0.1	0.13	0.3	0.59	1.43	2.16	2.81	3.58	3.86
12/03/2013	0.04	0.06	0.1	0.13	0.28	0.58	1.4	2.13	2.79	3.56	3.84
12/04/2013	0.04	0.06	0.1	0.14	0.3	0.6	1.45	2.19	2.84	3.63	3.9
12/05/2013	0.02	0.06	0.1	0.13	0.3	0.61	1.49	2.23	2.88	3.65	3.92
12/06/2013	0.03	0.06	0.1	0.13	0.3	0.64	1.51	2.23	2.88	3.63	3.9
12/09/2013	0.04	0.07	0.1	0.13	0.3	0.64	1.5	2.23	2.86	3.61	3.88
12/10/2013	0.03	0.07	0.1	0.14	0.3	0.62	1.46	2.17	2.81	3.56	3.83
12/11/2013	0.02	0.07	0.1	0.13	0.31	0.63	1.5	2.21	2.86	3.61	3.87
12/12/2013	0.01	0.07	0.09	0.14	0.34	0.67	1.55	2.26	2.89	3.63	3.91
12/13/13	0.02	0.07	0.09	0.14	0.34	0.68	1.55	2.25	2.88	3.61	3.88
12/16/13	0.02	0.07	0.09	0.13	0.34	0.68	1.55	2.26	2.89	3.63	3.9
12/17/13	0.02	0.07	0.09	0.14	0.34	0.65	1.52	2.22	2.85	3.6	3.88
12/18/13	0.01	0.07	0.1	0.13	0.32	0.64	1.55	2.26	2.89	3.63	3.9
12/19/13	0.01	0.06	0.09	0.13	0.35	0.7	1.63	2.35	2.94	3.64	3.91
12/20/13	0.02	0.07	0.09	0.13	0.37	0.74	1.66	2.33	2.89	3.57	3.82
12/23/13	0.01	0.07	0.09	0.14	0.38	0.77	1.68	2.37	2.94	3.6	3.85
12/24/13	0.01	0.07	0.09	0.14	0.38	0.8	1.73	2.43	2.99	3.66	3.9
12/26/13	0	0.07	0.09	0.13	0.42	0.81	1.74	2.43	3	3.68	3.92
12/27/13	0.01	0.07	0.09	0.12	0.4	0.79	1.74	2.44	3.02	3.7	3.94
12/30/13	0.01	0.07	0.1	0.13	0.39	0.77	1.71	2.4	2.99	3.66	3.9
12/31/13	0.01	0.07	0.1	0.13	0.38	0.78	1.75	2.45	3.04	3.72	3.96
01/02/2014	0.01	0.07	0.09	0.13	0.39	0.76	1.72	2.41	3	3.68	3.92
01/03/2014	0.02	0.07	0.1	0.13	0.41	0.8	1.73	2.42	3.01	3.69	3.93
01/06/2014	0.01	0.05	0.08	0.12	0.4	0.78	1.7	2.38	2.98	3.66	3.9
01/07/2014	0.01	0.04	0.08	0.13	0.4	0.8	1.69	2.37	2.96	3.64	3.88
01/08/2014	0	0.05	0.08	0.13	0.43	0.87	1.77	2.44	3.01	3.67	3.9
01/09/2014	0.01	0.04	0.06	0.13	0.44	0.86	1.75	2.41	2.97	3.62	3.88
01/10/2014	0.01	0.05	0.06	0.12	0.39	0.77	1.64	2.29	2.88	3.54	3.8
01/13/14	0	0.03	0.06	0.11	0.39	0.74	1.6	2.25	2.84	3.52	3.77
01/14/14	0	0.04	0.06	0.11	0.39	0.78	1.65	2.3	2.88	3.54	3.8
01/15/14	0.01	0.04	0.06	0.13	0.41	0.81	1.68	2.33	2.9	3.55	3.81
01/16/14	0.01	0.04	0.07	0.11	0.41	0.8	1.66	2.3	2.86	3.52	3.77
01/17/14	0.01	0.05	0.07	0.11	0.4	0.79	1.64	2.27	2.84	3.5	3.75
01/21/14	0.01	0.04	0.07	0.12	0.4	0.81	1.67	2.29	2.85	3.5	3.74

01/22/14	0	0.04	0.07	0.11	0.44	0.85	1.72	2.34	2.87	3.52	3.75
01/23/14	0.01	0.04	0.05	0.11	0.39	0.77	1.62	2.24	2.79	3.44	3.68
01/24/14	0.04	0.04	0.06	0.11	0.37	0.75	1.58	2.2	2.75	3.4	3.64
01/27/14	0.04	0.05	0.07	0.11	0.37	0.76	1.61	2.24	2.78	3.43	3.67
01/28/14	0.05	0.05	0.07	0.11	0.38	0.75	1.59	2.22	2.77	3.43	3.68
01/29/14	0.04	0.04	0.07	0.11	0.36	0.71	1.52	2.15	2.69	3.36	3.62
01/30/14	0.04	0.02	0.06	0.1	0.36	0.72	1.55	2.19	2.72	3.4	3.65
01/31/14	0.03	0.02	0.06	0.1	0.34	0.69	1.49	2.13	2.67	3.35	3.61
02/03/2014	0.04	0.05	0.07	0.11	0.3	0.64	1.44	2.07	2.61	3.29	3.55
02/04/2014	0.12	0.06	0.07	0.12	0.31	0.65	1.46	2.09	2.64	3.33	3.59
02/05/2014	0.13	0.07	0.07	0.12	0.32	0.66	1.5	2.14	2.7	3.4	3.66
02/06/2014	0.07	0.07	0.08	0.13	0.33	0.69	1.52	2.17	2.73	3.42	3.67
02/07/2014	0.1	0.08	0.09	0.12	0.3	0.66	1.47	2.13	2.71	3.39	3.67
02/10/2014	0.07	0.07	0.1	0.12	0.32	0.66	1.48	2.13	2.7	3.38	3.66
02/11/2014	0.05	0.05	0.1	0.12	0.35	0.71	1.54	2.19	2.75	3.42	3.69
02/12/2014	0.01	0.05	0.09	0.12	0.35	0.74	1.59	2.23	2.8	3.45	3.72
02/13/14	0.01	0.03	0.08	0.12	0.32	0.7	1.51	2.16	2.73	3.4	3.7
02/14/14	0.01	0.02	0.07	0.11	0.32	0.71	1.53	2.17	2.75	3.41	3.69
02/18/14	0.02	0.05	0.08	0.12	0.31	0.67	1.5	2.14	2.71	3.4	3.68
02/19/14	0.04	0.06	0.09	0.11	0.33	0.69	1.53	2.17	2.73	3.42	3.71
02/20/14	0.02	0.05	0.08	0.12	0.34	0.72	1.57	2.2	2.76	3.44	3.73
02/21/14	0.02	0.05	0.08	0.12	0.33	0.71	1.56	2.19	2.73	3.41	3.69
02/24/14	0.02	0.05	0.08	0.11	0.35	0.72	1.57	2.2	2.75	3.42	3.7
02/25/14	0.04	0.05	0.08	0.11	0.34	0.7	1.53	2.16	2.7	3.37	3.66
02/26/14	0.04	0.05	0.08	0.11	0.33	0.68	1.5	2.12	2.67	3.34	3.63
02/27/14	0.04	0.04	0.07	0.11	0.33	0.68	1.49	2.11	2.65	3.31	3.6
02/28/14	0.04	0.05	0.08	0.12	0.33	0.69	1.51	2.13	2.66	3.31	3.59
03/03/2014	0.04	0.05	0.08	0.12	0.32	0.66	1.46	2.07	2.6	3.27	3.55
03/04/2014	0.06	0.05	0.08	0.12	0.33	0.71	1.54	2.17	2.7	3.36	3.64
03/05/2014	0.06	0.06	0.09	0.13	0.33	0.71	1.54	2.16	2.7	3.36	3.64
03/06/2014	0.06	0.05	0.08	0.12	0.37	0.73	1.57	2.2	2.74	3.4	3.68
03/07/2014	0.06	0.06	0.09	0.13	0.38	0.79	1.65	2.27	2.8	3.45	3.72
03/10/2014	0.05	0.05	0.08	0.12	0.37	0.79	1.64	2.26	2.79	3.45	3.73
03/11/2014	0.06	0.05	0.08	0.13	0.37	0.79	1.62	2.25	2.77	3.43	3.7
03/12/2014	0.05	0.05	0.08	0.12	0.37	0.78	1.59	2.2	2.73	3.38	3.66
03/13/14	0.06	0.05	0.08	0.12	0.34	0.74	1.53	2.14	2.66	3.31	3.6
03/14/14	0.05	0.05	0.08	0.12	0.36	0.74	1.55	2.14	2.65	3.3	3.59
03/17/14	0.05	0.06	0.08	0.13	0.38	0.77	1.58	2.19	2.7	3.34	3.63
03/18/14	0.07	0.05	0.07	0.13	0.36	0.75	1.56	2.16	2.68	3.33	3.62
03/19/14	0.07	0.06	0.09	0.15	0.47	0.91	1.75	2.31	2.78	3.39	3.66
03/20/14	0.06	0.06	0.09	0.14	0.45	0.9	1.73	2.31	2.79	3.4	3.67
03/21/14	0.05	0.06	0.08	0.14	0.45	0.91	1.73	2.3	2.75	3.34	3.61
03/24/14	0.05	0.06	0.08	0.14	0.47	0.93	1.76	2.31	2.74	3.31	3.57
03/25/14	0.05	0.05	0.08	0.13	0.47	0.92	1.76	2.32	2.75	3.32	3.59
03/26/14	0.05	0.05	0.07	0.12	0.45	0.89	1.7	2.27	2.71	3.29	3.55
03/27/14	0.02	0.04	0.06	0.12	0.45	0.9	1.7	2.26	2.69	3.25	3.52
03/28/14	0.03	0.04	0.06	0.13	0.45	0.93	1.74	2.31	2.73	3.29	3.55
03/31/14	0.03	0.05	0.07	0.13	0.44	0.9	1.73	2.3	2.73	3.31	3.56
04/01/2014	0.02	0.04	0.06	0.13	0.44	0.91	1.74	2.32	2.77	3.35	3.6
04/02/2014	0.02	0.02	0.06	0.12	0.47	0.94	1.8	2.39	2.82	3.4	3.65
04/03/2014	0.03	0.02	0.05	0.11	0.46	0.95	1.79	2.38	2.8	3.38	3.62
04/04/2014	0.03	0.03	0.05	0.11	0.43	0.89	1.71	2.3	2.74	3.33	3.59
04/07/2014	0.03	0.03	0.06	0.11	0.41	0.87	1.68	2.27	2.71	3.3	3.56
04/08/2014	0.04	0.03	0.06	0.11	0.4	0.88	1.67	2.24	2.69	3.28	3.54
04/09/2014	0.03	0.04	0.05	0.1	0.37	0.85	1.65	2.24	2.71	3.31	3.57
04/10/2014	0.03	0.04	0.06	0.09	0.37	0.81	1.59	2.17	2.65	3.24	3.52
04/11/2014	0.04	0.04	0.06	0.09	0.37	0.8	1.58	2.16	2.63	3.22	3.48
04/14/14	0.03	0.04	0.06	0.1	0.37	0.82	1.61	2.18	2.65	3.23	3.48
04/15/14	0.03	0.04	0.05	0.11	0.39	0.84	1.63	2.18	2.64	3.2	3.46
04/16/14	0.03	0.04	0.05	0.11	0.39	0.87	1.67	2.21	2.65	3.2	3.45
04/17/14	0.02	0.03	0.05	0.11	0.43	0.91	1.75	2.31	2.73	3.27	3.52
04/21/14	0.02	0.04	0.06	0.11	0.42	0.91	1.74	2.31	2.73	3.27	3.52
04/22/14	0.02	0.03	0.06	0.11	0.45	0.93	1.76	2.31	2.73	3.25	3.5
04/23/14	0.02	0.02	0.05	0.11	0.43	0.91	1.73	2.28	2.7	3.22	3.47
04/24/14	0	0.01	0.04	0.1	0.43	0.91	1.74	2.3	2.7	3.22	3.46
04/25/14	0.01	0.03	0.04	0.11	0.43	0.9	1.72	2.28	2.68	3.2	3.45

04/28/14	0	0.03	0.05	0.1	0.44	0.9	1.73	2.29	2.7	3.23	3.47
04/29/14	0.02	0.02	0.05	0.11	0.44	0.91	1.74	2.29	2.71	3.25	3.49
04/30/14	0.02	0.03	0.05	0.11	0.42	0.87	1.69	2.25	2.67	3.22	3.47
05/01/2014	0.02	0.03	0.05	0.1	0.41	0.86	1.66	2.21	2.63	3.16	3.41
05/02/2014	0.01	0.02	0.05	0.1	0.42	0.89	1.67	2.2	2.6	3.12	3.37
05/05/2014	0.01	0.03	0.05	0.11	0.43	0.9	1.68	2.22	2.63	3.16	3.41
05/06/2014	0.03	0.03	0.05	0.1	0.43	0.92	1.68	2.2	2.61	3.13	3.38
05/07/2014	0.03	0.03	0.05	0.1	0.41	0.89	1.65	2.18	2.62	3.12	3.4
05/08/2014	0.02	0.03	0.05	0.1	0.4	0.86	1.63	2.16	2.61	3.17	3.45
05/09/2014	0.02	0.03	0.05	0.1	0.4	0.86	1.63	2.17	2.62	3.18	3.47
05/12/2014	0.02	0.03	0.05	0.09	0.41	0.87	1.67	2.21	2.66	3.21	3.49
05/13/14	0.03	0.03	0.05	0.1	0.39	0.84	1.62	2.16	2.61	3.17	3.45
05/14/14	0.02	0.03	0.05	0.1	0.39	0.81	1.57	2.1	2.54	3.09	3.37
05/15/14	0.01	0.03	0.05	0.09	0.38	0.8	1.55	2.05	2.5	3.05	3.33
05/16/14	0.01	0.03	0.05	0.09	0.38	0.8	1.56	2.08	2.52	3.07	3.34
05/19/14	0.01	0.03	0.05	0.09	0.36	0.79	1.56	2.09	2.54	3.11	3.39
05/20/14	0.04	0.03	0.06	0.09	0.35	0.77	1.53	2.06	2.52	3.1	3.38
05/21/14	0.04	0.04	0.06	0.09	0.37	0.79	1.55	2.08	2.54	3.13	3.42
05/22/14	0.03	0.03	0.05	0.09	0.37	0.8	1.57	2.1	2.56	3.15	3.43
05/23/14	0.04	0.04	0.05	0.1	0.37	0.79	1.55	2.09	2.54	3.12	3.4
05/27/14	0.03	0.04	0.06	0.09	0.39	0.79	1.56	2.08	2.52	3.09	3.37
05/28/14	0.04	0.04	0.05	0.1	0.37	0.76	1.5	2.01	2.44	3.01	3.29
05/29/14	0.05	0.04	0.05	0.1	0.37	0.77	1.52	2.03	2.45	3.03	3.31
05/30/14	0.05	0.04	0.06	0.1	0.37	0.79	1.54	2.06	2.48	3.05	3.33
06/02/2014	0.04	0.04	0.06	0.1	0.39	0.83	1.6	2.12	2.54	3.1	3.38
06/03/2014	0.04	0.04	0.06	0.1	0.41	0.85	1.65	2.18	2.6	3.17	3.43
06/04/2014	0.04	0.04	0.06	0.1	0.41	0.85	1.65	2.2	2.61	3.18	3.45
06/05/2014	0.03	0.04	0.06	0.1	0.4	0.82	1.63	2.17	2.59	3.17	3.44
06/06/2014	0.02	0.04	0.06	0.11	0.41	0.86	1.66	2.19	2.6	3.17	3.44
06/09/2014	0.03	0.04	0.06	0.11	0.43	0.88	1.69	2.22	2.62	3.18	3.45
06/10/2014	0.04	0.04	0.06	0.11	0.45	0.93	1.71	2.24	2.64	3.2	3.47
06/11/2014	0.03	0.04	0.06	0.11	0.44	0.91	1.7	2.23	2.65	3.2	3.47
06/12/2014	0.02	0.04	0.07	0.1	0.42	0.88	1.66	2.17	2.58	3.14	3.41
06/13/14	0.02	0.04	0.07	0.11	0.45	0.93	1.7	2.21	2.6	3.14	3.41
06/16/14	0.03	0.04	0.07	0.11	0.49	0.95	1.71	2.21	2.61	3.14	3.4
06/17/14	0.03	0.04	0.07	0.11	0.51	0.99	1.77	2.27	2.66	3.19	3.44
06/18/14	0.03	0.03	0.06	0.1	0.48	0.95	1.71	2.21	2.61	3.16	3.43
06/19/14	0.01	0.02	0.05	0.09	0.48	0.94	1.71	2.22	2.64	3.2	3.47
06/20/14	0.01	0.02	0.04	0.09	0.5	0.94	1.71	2.22	2.63	3.18	3.44
06/23/14	0.02	0.03	0.06	0.1	0.48	0.96	1.72	2.23	2.63	3.18	3.45
06/24/14	0.01	0.03	0.06	0.12	0.49	0.95	1.7	2.19	2.59	3.14	3.41
06/25/14	0.01	0.03	0.05	0.11	0.48	0.92	1.68	2.17	2.57	3.12	3.38
06/26/14	0.01	0.04	0.06	0.11	0.46	0.9	1.64	2.14	2.53	3.08	3.35
06/27/14	0.02	0.03	0.06	0.1	0.45	0.88	1.64	2.14	2.54	3.1	3.36
06/30/14	0.02	0.04	0.07	0.11	0.47	0.88	1.62	2.13	2.53	3.08	3.34
07/01/2014	0.03	0.02	0.06	0.11	0.47	0.9	1.66	2.17	2.58	3.13	3.4
07/02/2014	0.02	0.02	0.06	0.12	0.49	0.95	1.71	2.22	2.64	3.2	3.46
07/03/2014	0.01	0.01	0.06	0.11	0.52	0.98	1.74	2.25	2.65	3.21	3.47
07/07/2014	0.02	0.04	0.06	0.12	0.52	1	1.74	2.24	2.63	3.17	3.44
07/08/2014	0.02	0.03	0.06	0.11	0.51	0.99	1.7	2.19	2.58	3.12	3.38
07/09/2014	0.03	0.03	0.06	0.11	0.51	0.97	1.68	2.17	2.57	3.1	3.37
07/10/2014	0.02	0.02	0.06	0.1	0.46	0.93	1.66	2.15	2.55	3.1	3.38
07/11/2014	0.02	0.02	0.07	0.11	0.48	0.92	1.65	2.13	2.53	3.07	3.34
07/14/14	0.02	0.03	0.06	0.11	0.48	0.95	1.68	2.17	2.55	3.1	3.36
07/15/14	0.02	0.02	0.06	0.11	0.49	0.97	1.7	2.18	2.56	3.1	3.37
07/16/14	0.02	0.02	0.06	0.11	0.5	0.98	1.71	2.18	2.55	3.08	3.35
07/17/14	0.02	0.02	0.06	0.1	0.47	0.94	1.65	2.11	2.47	3.01	3.27
07/18/14	0.03	0.02	0.05	0.1	0.51	0.97	1.69	2.14	2.5	3.03	3.29
07/21/14	0.02	0.03	0.06	0.11	0.51	0.99	1.7	2.14	2.49	3.01	3.26
07/22/14	0.03	0.03	0.07	0.11	0.49	0.97	1.68	2.13	2.48	3	3.25
07/23/14	0.03	0.03	0.05	0.11	0.5	0.96	1.67	2.12	2.48	3	3.26
07/24/14	0.04	0.03	0.06	0.11	0.53	1	1.72	2.18	2.52	3.04	3.3
07/25/14	0.03	0.03	0.06	0.11	0.53	0.98	1.69	2.14	2.48	2.99	3.24
07/28/14	0.03	0.04	0.06	0.11	0.54	1.01	1.73	2.17	2.5	3.01	3.26
07/29/14	0.03	0.02	0.06	0.12	0.54	1	1.7	2.14	2.47	2.97	3.22
07/30/14	0.03	0.04	0.06	0.13	0.56	1.04	1.77	2.24	2.57	3.06	3.31

07/31/14	0.01	0.03	0.05	0.12	0.53	1.02	1.76	2.24	2.58	3.07	3.32
08/01/2014	0.01	0.03	0.05	0.13	0.47	0.94	1.67	2.16	2.52	3.03	3.29
08/04/2014	0.02	0.04	0.06	0.12	0.47	0.93	1.66	2.15	2.51	3.04	3.3
08/05/2014	0.03	0.03	0.05	0.12	0.47	0.93	1.66	2.14	2.49	3.02	3.28
08/06/2014	0.03	0.03	0.05	0.11	0.48	0.93	1.66	2.13	2.49	3.01	3.27
08/07/2014	0.03	0.03	0.04	0.11	0.44	0.89	1.6	2.07	2.43	2.97	3.23
08/08/2014	0.03	0.03	0.05	0.1	0.45	0.91	1.62	2.09	2.44	2.97	3.23
08/11/2014	0.03	0.04	0.05	0.1	0.47	0.93	1.62	2.09	2.44	2.97	3.24
08/12/2014	0.05	0.03	0.05	0.1	0.45	0.92	1.63	2.1	2.46	3	3.27
08/13/14	0.04	0.04	0.06	0.1	0.43	0.88	1.59	2.06	2.43	2.97	3.24
08/14/14	0.04	0.04	0.06	0.1	0.42	0.87	1.58	2.04	2.4	2.93	3.2
08/15/14	0.03	0.03	0.05	0.09	0.42	0.86	1.55	1.99	2.34	2.86	3.13
08/18/14	0.02	0.03	0.05	0.1	0.44	0.89	1.58	2.04	2.39	2.92	3.2
08/19/14	0.04	0.03	0.05	0.11	0.46	0.9	1.59	2.05	2.4	2.94	3.21
08/20/14	0.04	0.04	0.06	0.12	0.49	0.94	1.65	2.09	2.43	2.95	3.22
08/21/14	0.03	0.02	0.06	0.1	0.49	0.95	1.64	2.08	2.41	2.92	3.19
08/22/14	0.04	0.03	0.06	0.1	0.53	0.98	1.68	2.1	2.4	2.9	3.16
08/25/14	0.02	0.04	0.05	0.11	0.53	0.99	1.69	2.09	2.39	2.88	3.13
08/26/14	0.04	0.03	0.05	0.12	0.52	0.98	1.68	2.08	2.39	2.89	3.15
08/27/14	0.02	0.04	0.05	0.11	0.51	0.97	1.65	2.05	2.37	2.85	3.11
08/28/14	0.02	0.03	0.05	0.11	0.5	0.95	1.63	2.04	2.34	2.82	3.08
08/29/14	0.02	0.03	0.05	0.09	0.48	0.94	1.63	2.05	2.35	2.83	3.09
09/02/2014	0.02	0.03	0.05	0.1	0.53	0.99	1.69	2.11	2.42	2.91	3.17
09/03/2014	0.02	0.03	0.05	0.11	0.52	0.99	1.69	2.11	2.41	2.9	3.15
09/04/2014	0.02	0.03	0.05	0.1	0.54	1.01	1.71	2.14	2.45	2.95	3.21
09/05/2014	0.02	0.03	0.05	0.1	0.52	0.99	1.69	2.14	2.46	2.97	3.23
09/08/2014	0.01	0.02	0.05	0.1	0.54	1.02	1.72	2.16	2.48	2.97	3.23
09/09/2014	0.01	0.02	0.05	0.11	0.56	1.06	1.76	2.19	2.5	2.97	3.23
09/10/2014	0.01	0.02	0.05	0.11	0.58	1.07	1.79	2.22	2.54	3.01	3.26
09/11/2014	0.01	0.02	0.05	0.11	0.58	1.07	1.79	2.22	2.54	3.02	3.27
09/12/2014	0.01	0.02	0.05	0.11	0.58	1.07	1.83	2.29	2.62	3.1	3.35
09/15/14	0.01	0.02	0.05	0.11	0.58	1.06	1.8	2.26	2.6	3.09	3.34
09/16/14	0.01	0.02	0.04	0.13	0.55	1.04	1.78	2.26	2.6	3.11	3.36
09/17/14	0.01	0.02	0.05	0.12	0.59	1.08	1.82	2.29	2.62	3.12	3.37
09/18/14	0.01	0.02	0.04	0.12	0.59	1.1	1.85	2.32	2.63	3.12	3.36
09/19/14	0.01	0.02	0.04	0.11	0.59	1.09	1.83	2.29	2.59	3.05	3.29
09/22/14	0	0.01	0.04	0.1	0.58	1.06	1.8	2.26	2.57	3.04	3.28
09/23/14	0.01	0.01	0.04	0.1	0.57	1.05	1.78	2.23	2.54	3.01	3.25
09/24/14	0.01	0.02	0.03	0.11	0.59	1.08	1.82	2.26	2.57	3.04	3.28
09/25/14	0	0.01	0.03	0.1	0.56	1.03	1.75	2.21	2.52	2.98	3.22
09/26/14	0.01	0.01	0.03	0.11	0.59	1.08	1.8	2.24	2.54	2.99	3.22
09/29/14	0.01	0.02	0.05	0.11	0.58	1.06	1.77	2.21	2.5	2.95	3.18
09/30/14	0.02	0.02	0.03	0.13	0.58	1.07	1.78	2.22	2.52	2.98	3.21
10/01/2014	0.01	0.02	0.04	0.1	0.53	1	1.69	2.12	2.42	2.87	3.12
10/02/2014	0.01	0.01	0.03	0.1	0.53	1.01	1.7	2.14	2.44	2.9	3.15
10/03/2014	0.01	0.01	0.03	0.11	0.57	1.05	1.73	2.16	2.45	2.89	3.13
10/06/2014	0.01	0.02	0.05	0.11	0.54	1.02	1.7	2.13	2.43	2.88	3.12
10/07/2014	0.02	0.02	0.04	0.1	0.52	0.98	1.64	2.06	2.36	2.81	3.06
10/08/2014	0.01	0.01	0.05	0.1	0.46	0.9	1.57	2.02	2.35	2.82	3.07
10/09/2014	0.02	0.01	0.05	0.1	0.46	0.91	1.58	2.02	2.34	2.81	3.07
10/10/2014	0.02	0.01	0.04	0.1	0.45	0.89	1.55	1.99	2.31	2.77	3.03
10/14/14	0.03	0.02	0.04	0.09	0.39	0.8	1.45	1.88	2.21	2.68	2.95
10/15/14	0.02	0.02	0.05	0.1	0.34	0.73	1.37	1.8	2.15	2.64	2.92
10/16/14	0.04	0.03	0.05	0.1	0.35	0.75	1.39	1.82	2.17	2.66	2.94
10/17/14	0.03	0.02	0.05	0.11	0.39	0.79	1.44	1.88	2.22	2.7	2.98
10/20/14	0.03	0.02	0.06	0.1	0.37	0.76	1.41	1.85	2.2	2.68	2.96
10/21/14	0.04	0.02	0.06	0.1	0.38	0.77	1.44	1.88	2.23	2.72	3
10/22/14	0.04	0.02	0.06	0.11	0.41	0.8	1.46	1.9	2.25	2.73	3.01
10/23/14	0.02	0.01	0.06	0.11	0.41	0.83	1.52	1.95	2.29	2.77	3.05
10/24/14	0.02	0.01	0.06	0.11	0.41	0.82	1.52	1.96	2.29	2.77	3.05
10/27/14	0.03	0.02	0.06	0.11	0.41	0.81	1.51	1.94	2.27	2.75	3.04
10/28/14	0.02	0.02	0.05	0.11	0.42	0.84	1.53	1.97	2.3	2.79	3.06
10/29/14	0.01	0.03	0.07	0.11	0.48	0.93	1.61	2.03	2.34	2.79	3.06
10/30/14	0.01	0.01	0.06	0.11	0.48	0.91	1.58	2.02	2.32	2.77	3.04
10/31/14	0.01	0.01	0.05	0.11	0.5	0.95	1.62	2.05	2.35	2.81	3.07
11/03/2014	0.03	0.02	0.07	0.12	0.52	0.96	1.63	2.05	2.36	2.8	3.07

11/04/2014	0.04	0.03	0.06	0.11	0.52	0.97	1.63	2.05	2.35	2.78	3.05
11/05/2014	0.04	0.03	0.07	0.11	0.52	0.97	1.63	2.05	2.36	2.79	3.06
11/06/2014	0.04	0.03	0.06	0.12	0.54	1.01	1.67	2.09	2.39	2.83	3.09
11/07/2014	0.04	0.03	0.06	0.12	0.51	0.95	1.6	2.01	2.32	2.76	3.04
11/10/2014	0.04	0.02	0.07	0.13	0.55	1	1.65	2.07	2.38	2.81	3.09
11/12/2014	0.05	0.02	0.07	0.14	0.55	1	1.65	2.06	2.37	2.81	3.09
11/13/14	0.05	0.02	0.08	0.15	0.53	0.97	1.64	2.05	2.35	2.8	3.08
11/14/14	0.04	0.02	0.07	0.15	0.54	0.96	1.62	2.02	2.32	2.77	3.04
11/17/14	0.02	0.03	0.07	0.15	0.54	0.96	1.64	2.04	2.34	2.79	3.06
11/18/14	0.04	0.02	0.07	0.14	0.53	0.96	1.63	2.03	2.32	2.77	3.05
11/19/14	0.04	0.01	0.07	0.15	0.54	0.99	1.66	2.07	2.36	2.8	3.08
11/20/14	0.04	0.02	0.07	0.14	0.53	0.97	1.64	2.05	2.34	2.78	3.05
11/21/14	0.04	0.01	0.07	0.14	0.53	0.96	1.63	2.03	2.31	2.75	3.02
11/24/14	0.04	0.02	0.08	0.14	0.53	0.95	1.62	2.02	2.3	2.74	3.01
11/25/14	0.06	0.02	0.07	0.14	0.51	0.94	1.58	1.98	2.27	2.69	2.97
11/26/14	0.06	0.02	0.07	0.14	0.53	0.93	1.56	1.96	2.24	2.67	2.95
11/28/14	0.04	0.02	0.07	0.13	0.47	0.88	1.49	1.89	2.18	2.62	2.89
12/01/2014	0.01	0.03	0.08	0.13	0.49	0.9	1.52	1.93	2.22	2.66	2.95
12/02/2014	0.04	0.03	0.08	0.14	0.55	0.96	1.59	2	2.28	2.72	3
12/03/2014	0.03	0.01	0.07	0.15	0.57	0.98	1.61	2.01	2.29	2.71	2.99
12/04/2014	0.03	0.02	0.08	0.14	0.55	0.97	1.59	1.98	2.25	2.66	2.94
12/05/2014	0.02	0.02	0.08	0.18	0.65	1.09	1.69	2.06	2.31	2.69	2.97
12/08/2014	0.03	0.03	0.1	0.18	0.64	1.1	1.67	2.02	2.26	2.62	2.9
12/09/2014	0.05	0.04	0.11	0.23	0.64	1.07	1.63	1.97	2.22	2.58	2.87
12/10/2014	0.05	0.03	0.1	0.21	0.59	1.01	1.58	1.92	2.18	2.54	2.83